### FILE NOTATIONS

	THE NOTATIONS			AND.
	intered in NID File	. کوبیا	Checked by Chief	
	ocation Map Pinned	••••	Approval Letter	Milon 6
,	Card Indexed	••••••	Disapproval Letter	•••••
		•		
	COMPLETION DATA:		•	
	Date Well Completed		Location Inspected	******
•	OW WW TA.	•••	Bond released	-
	GW OS PA.	• • • •	State or Fee Land	•••••
		LOGS FI	LED	
	Driller's Log	••••		
	Electric Logs (No.)			
	E I	Dual I Lat	GR-N Micro	0
	BHC Sonic GR	. Lat	Mi-L Sonic	

CBLog..... CCLog..... Others.....



# SUBMIT IN TANALICATE\* (Other instructions on

MIT TO DRILL, I  DEEPEN  HER  Jestern Division	SINGLE ZONE		ск 🗆	5. LEASE DESIGNATION AND SERIAL NO.  FEG LAIRÓ 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME			
DEEPEN HER Jestern Division	SINGLE ZONE	PLUG BA	ск 🗆	6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME			
<sup>HER</sup> Jestern Division	SINGLE ZONE	милт					
Jestern Division	ZONE L		PLE E				
	1		78	8. FARM OR LEASE NAME			
	1			Victor C. Brown			
				9. WELL NO.			
*** * *********************************				Unit #1 (4-4C)			
, Utah 84078				10. FIELD AND POOL, OR WILDCAT			
arly and in accordance wi	th any State rec	quirements.*)		Bluebell Field			
65' FEL of Sec.	4, TLS,	RZW, USM	ľ	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA			
				Sec. 4, TlS, R2W, USM			
OM NEAREST TOWN OR POS	T OFFICE*			12. COUNTY OR PARISH   13. STATE			
				Duchesne Utah			
	16. NO. OF AC	RES IN LEASE		F ACRES ASSIGNED			
	Unknown			160			
	1		20. ROTAR	OTARY OR CABLE TOOLS			
ED, First Well	± 10.	,600 •	Ro	Rotary			
etc.)				22. APPROX. DATE WORK WILL START*			
Ground 5958'				November 15, 1968			
PROPOSED CASI	NG AND CEMI	ENTING PROGE	AM				
ING WEIGHT PER B	OOT SE	TTING DEPTH		QUANTITY OF CEMENT			
40.5#		- 500 <b>'</b>	To Sur	face			
23, 26 & 2	9#	TD	Suffic	ient to cover all			
			1 ^	ing zones and significan sands.			
1	om nearest town or posts south of Neols  ED, First Well  etc.)  Proposed Casi  proposed Casi  weight per f	OM NEAREST TOWN OR POST OFFICE*  Security of Neola, Utain  16, No. of AC  Unknow  19, PROPOSED  + 10,  etc.)  Ground 5958*  PROPOSED CASING AND CEMING  WEIGHT PER FOOT SE	Seouth of Neola, Utah  16. No. OF ACRES IN LEASE  Unknown  19. PROPOSED DEPTH  ± 10,600  PROPOSED CASING AND CEMENTING PROGRES  WEIGHT PER FOOT SETTING DEPTH  40.5#  + 500	OM NEAREST TOWN OR POST OFFICE*  S SOUTH Of Neola, Utah  16. NO. OF ACRES IN LEASE Unknown  19. PROPOSED DEPTH 10.600 RO  etc.)  Ground 5958  PROPOSED CASING AND CEMENTING PROGRAM  ING WEIGHT PER FOOT SETTING DEPTH 40.5# 23, 26 & 29# TD Suffice  produc			

signed R. W. PATTERSON	TITLE _	Unit Superintendent	10/14/68
(This space for Federal or State office use)			
PERMIT NO.		APPROVAL DATE	



1 OGCC-1 a		(Other instruc	tions on	
S T	ATE OF UTAH	reverse si	de)	
OIL & GAS CON	SERVATION CON	AMISSION	Ī	5. LEASE DESIGNATION AND SERIAL NO.
OIL & GAS CON	SERVATION COL	VI IVI I O O I O I V		Fee Land
APPLICATION FOR PERM	AIT TO DRILL, D	EEPEN, OR PLUG B	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK  DRILL X	DEEPEN [	PLUG BAC	ж 🗆 🗎	7. UNIT AGREEMENT NAME
b. TYPE OF WELL		SINGLE  MULTIP	LIE THE	S. FARM OR LEASE NAME
OIL X GAS WELL X OTE	ER	ZONE ZONE	TE X	
2. NAME OF OPERATOR				Victor C. Brown
Chevron Oil Company, We	estern Division			9. WELL NO.
3. ADDRESS OF OPERATOR				Unit'#1 <b>(</b> 4-4C)
P. O. Box 455, Vernal,	Utah 84078		_[	10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Report location clean		any State requirements.*)		Bluebell Field
At surface 1336 FSL and 110	55' FEL of Sec,	4, T1S, R2W, USM		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone		SW NE SE	_	Sec. 4, T1S, R2W, USM
14. DISTANCE IN MILES AND DIRECTION FRO	M NEAREST TOWN OR POST	OFFICE*		12. COUNTY OR PARISH 13. STATE
Approx. 5 miles west &	south of Neola			Duchesne Utah
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST		16. NO. OF ACRES IN LEASE		F ACRES ASSIGNED IS WELL
PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)		Unknown		160
18. DISTANCE FROM PROPOSED LOCATION*		19. PROPOSED DEPTH	20. ROTAR	Y OR CABLE TOOLS
TO NEAREST WELL, DRILLING, COMPLETE OR APPLIED FOR, ON THIS LEASE, FT.	First Well	± 10,600'	Ro	tary

TO NEAREST ' 22. APPROX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) November 15, 1968 Ungraded Ground 5958'

 $\overline{23}$ . PROPOSED CASING AND CEMENTING PROGRAM SETTING DEPTH QUANTITY OF CEMENT SIZE OF CASING WEIGHT PER FOOT SIZE OF HOLE 15" 10 3/4" 40.5# + 500' To Surface 8 3/4" 7" Sufficient to cover all 23, 26 & 29# TD producing zones and significant water sands.

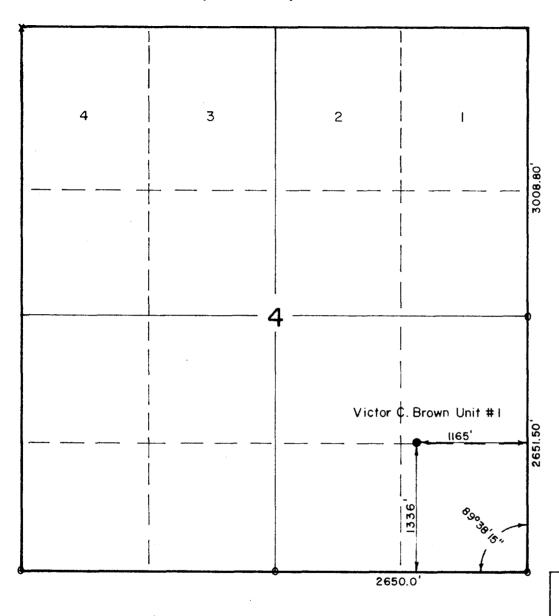
It is proposed to drill a Development well for oil or gas in the Middle and/or Lower Green River formation.

Cause 131-1

43-013-30011

TITLE	Unit Superintendent	DATE _	10/14/68
·	APPROVAL DATE		
TITLE	·	DATE _	
		APPROVAL DATE	APPROVAL DATE

# TIS, R2W, USM



X= CORNERS LOCATED (STONE)
O= CORNERS RE-ESTABLISHED

### PROJECT

CHEVRON OIL CO.
WELL LOCATION AS SHOWN IN THE
SE 1/4, SECTION 4, TIS, R 2W, USM.
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY AND MELTER.

REGISTERED LAND SURVEYOR REGISTRATION Nº 2454

STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q -- 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	DATE	
1"=1000'	26 SEPT. 1968	
PARTY	REFERENCES	
NJM LDT KM	GLO FIELD NOTES	$\sim$
WEATHER	FILE	0
FAIR & WARM	CHEVRON	

October 15, 1968

Chevron Oil Company, Western Division P. O. Box 455 Vernal, Utah 84078

> Ret Well No. Victor C. Brown Unit Fee #1 (4-4C), Sec. 4, T. 1 S., R. 2 W., Well No. Springfield Marine Bank Unit Fee #1 (2-10C), Sec. 10, T. 1 S., R. 2 W., Duchesne County, Utah.

### Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted in accordance with the Temporary Order issued in Cause No. 131-1 on March 13, 1968.

Should you determine that it will be necessary to plug and abondon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer HOME: 277-2890 - Salt Lake City, Utah OFFICE: 328-5771

This approval terminates within 90 days if these wells have not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API numbers assigned to these wells are as follows:

Victor C. Brown Unit Fee #1 (4-4C) 43-013-30011.

Springfield Marine Bank Unit Fee #1 (2-106) 43-013-30012.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF:sc

October 15, 1968

Chevron Oil Company, Western Division P. O. Box 455 Vernal, Utah 84078

Re: Well No. Victor C. Brown Unit
Fee #1 (4-4C), Sec. 4, T. 1 S.,
R. 2 W., Well No. Springfield
Marine Bank Unit Fee #1 (2-10C),
Sec. 10, T. 1 S., R. 2 W., Duchesne
County, Utah.

### Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted in accordance with the Temporary Order issued in Cause No. 131-1 on March 13, 1968.

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Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF:sc

 $\overline{23}$ .

SIZE OF HOLE

8 3/4"



STATE OF UTAH	Teverse	side)		
OIL & GAS CONSERVATION CO	OMMISSION	. [	5. LEASE DESIGNATIO	N AND SÉRIAL NO.
		ŀ	Fee Land	
APPLICATION FOR PERMIT TO DRILL,	DEEPEN, OR PLUG	BACK	6. IF INDIAN, ALLOTT	EE OR TRIBE NAME
1a. TYPE OF WORK  DRILL  DEEPEN	☐ PLUG BA	CK 🗆 🕇	7. UNIT AGREEMENT	NAME
D. TYPE OF WELL  OIL  WELL  GAS  WELL  OTHER	SINGLE MULTI	PLE	8. FARM OR LEASE N	
2. NAME OF OPERATOR		<u> </u>	Victor C.	Brown
Chevron Oil Company, Western Divisio	n	Į.	9. WELL NO.	
3. ADDRESS OF OPERATOR			Unit #1 (4-	-4C)
P. O. Box 455, Vernal, Utah 84078		-	10. FIELD AND POOL,	OR WILDCAT
4. LOCATION OF WELL (Report location clearly and in accordance w	oith any State requirements.*)		Bluebell F	le1d
At surface 1336' FSL and 1165' FEL of Sec		[-	11. SEC., T., R., M., OF	BLK.
		[	AND SURVEI OR	AREA
At proposed prod. zone				5, R2W, USM
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR PO	ST OFFICE*		12. COUNTY OR PARIS	H 13. STATE
Approx. 5 miles west & south of Neol	e, Utah		Duchesne	Utah
15. DISTANCE FROM PROPOSED*	16. NO. OF ACRES IN LEASE		ACRES ASSIGNED IS WELL	
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)	Unknown		160	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH  + 10,600	_	Y OR CABLE TOOLS	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)			22. APPROX. DATE W	ORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM

SETTING DEPTH

+ 500

TD

WEIGHT PER FOOT

40.5#

23, 26 & 29#

Movember 15, 1968

QUANTITY OF CEMENT

producing zones and significant

Sufficient to cover all

To Surface

vater sands.

It is proposed to drill a Development well for oil or gas in the Middle and/or Lower Green River formation.

Ungraded Ground 5958'

SIZE OF CASING

10 3/4"

711

IN ABOVE SPACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed by

R. W. PATTERSON

TITLE Unit Superintendent

OATE

APPROVAL DATE

APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

### 37. SUMMARY OF POROUR ZONES:

FORMATION	TOP	BOTTOM	DESCRIPTION
Green River	11,065	11,165	60 min test. NGTS. Rec 2170' water cushion and 380' sli oil & water cut mud. Press: IH 6203, IF 21-103, ISI 4631, FF 103-230, FSI 4631, FHH 6203.
Green River	11,372	11,387	60 min test. NGTS. Rec 2387' sli gas cut water cushion and 135' highly gas & mud cut oil. Press:
			IH 6324, IF 41-82, ISI 6123, FF 103-267, FSI 6324, FHH 6365.
Green River	11,364	11,434	60 min test. NGTS. Rec 2325 gas cut water cushion & 434 highly gas cut, ali mud cut oil. Press: IH 6365,
			IF 82-185, ISI 6486, FF 226-739, FSI 6410, FHH 6365.

pprox. ent. SEZ	18	2W		a-Wa	er-Victo	or C.	Brown	Unit	#1 (	(4-4C)	<b>~</b>			
ec. 4	Prese	at Sta	tus											
	Total	Depth	5371'	and	drilling	•								
	Opera	tions (	Conducte	1										
	15" h Pozmi	ole to x conta	519'. (aining 2)	emen Gel	11ing Conted 10 3	/4",4 1。**/	0.5#, sack	J-55 Flosa	casi	ng at	518. d by	77' w/ 225 sa	' 200 sac icks 50/5	ks 50/50 O Pozmix
	8 3/4	ining : " hole	from 51	nd 2% 9' to	CaCl, to 5371'	arted	pà 10	U sac	KS Ty	me G	cemen	EW/ J	% Cacre	Diffred
,														
	No	uen	chec	196	-d								···	
Note: 1	here were				runs or	sales of o	oil;				·	M	cu. ft. of	
gas sold			-		runs or	sales of g	asoline	during	the mo	nth.				
		•	this form a	-			*STAT		F-Flow SI-Shu	t In	D-Dea	ıd Ö	-Gas Lift	
	F	ILE IN I	DUPLICAT	E			*			i Înjecti ater Înj		1 VV- 1 GII	np. Aban.	

Form OGCC 4

# STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

### REPORT OF OPERATIONS AND WELL STATUS REPORT

	Decembe				••••••••••••••••••••••••••••••••••••••		Chr	svron Oil Co., Western Div.
nt's	address		). Box 4	•••••		Compa		PATTERSON Original Signed by R. W. PATTERSON
		•••••	-2442			Signed	***********	Unit Superintendent
	ase No.			al Lease		<del>i</del>	1	Lease No Fee & Pat. [
c. & of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS  (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test;
	Operat	ions Co	nducted	- Con	CIBREG			Contents of Gas; and Gas-Oil Ratio Test)
			İ					No. of Days
	26 and	29#, N	-80 cas	ing at	11,178	.81' w/	150 se	Produced cks 50/50 Poznix containing
		ليطفت ما				1177. 66		Gel and 1% Halad-9 on secon
	I (.	معاقعات		26.55	in the world		*****	10% salt, 2% Gel and .6% Hall 12-30-58. Preparing to mov
	comple	ition ri						
k.	18	24	Chevro	-Walk	r-Victo	r C. Br	own Un:	1: #1 (4-4C)
-		nt Stati						
			1		rilling.			
			onduc te					
	Drill	ed 8 3/	4" hole	from	5371° t	9896'.		
		!			<u> </u>			
	1							
			İ					
					}		t	

FILE IN DUPLICATE

GI-Gas Injection TA-Temp. Aban. WI-Water Injection

Form OGCC 4

# STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

# REPORT OF OPERATIONS AND WELL STATUS REPORT

								- wii.ig wi	rilling and producing wells) for
Agent's	address	P. 0	• Box 45	5	*************	Comp	cany Che	vron O	oil Co., Western Div.
*********	·····	Vern	al, Utah	84078		Signe	d R. V	W. PAT	TERSON autatlesson
Phone		789-	2442			Agen	t's title	Unit :	Superintendent
State Lea	ase No		Fede	ral Lease	e No	******	Indian I	Lease No	o Fee & Pat. 🛣
Sec. & 1/4 of 1/4	Twp.	Range	Well	*Status	Oil	Water	Gas		REMARKS
rox。 ter SW社	18	2W	No. Springf (2-10C)	Leld M	Dois.	Bbls.	MCF's	Conte	rilling, Depth; if shut down, Cause; & Results of Water Shut-Off Test; ents of Gas; and Gas-Oil Ratio Test)
tion 10	Prese	nt Sta						No. of Days	
	Total	Depth	: 11,18	5'	PBTD:	10,539		Jagoe	
	<u>Opera</u>	tions	Conducte	<u>i</u>					
	at 10 compo at 10 on wi sacks RIH w and 0 pushe RIH w	rated ,265.8 und an ,566 a reline 50/50 / Bake erf 10 .6% Ha d rema / 2 7/	at 10,49 5'. Acid d A-110 nd 10,440 at 10,5 Pozmix r Mercury ,440'.	2-10,5 dized; inhibi O'w/ 45'.; contain Mode Squeeze SIH and IBP to	16 w/ 2 perfs 16 tor. Sv 2 jets/: 8/D per hing 2% 1 "K" Cl ed perfs d tagged 10,538 landed a	hyperje ,492-51 vab test ft and s f 10,566 Gel and bridge 10,440 d cement	ts/ft. 6 w/ 25 ing ind set a Ba '. Cen 1 0.6% H plug a 0 w/ 100 at 10,	RIH voluments of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se	Variable Density log.  w/ 2 7/8" tubing and landed 15% HCl containing 0.5% 5N  d water. Perforated for squeeze ercury Model "K" cement retainer queezed perf 10,566' w/ 100  9. POOH w/ cement retainer sting at 10,455'. Spotted acid and s 50/50 Pozmix containing 2% Gel Drilled out CIBP at 10,455 and 10,492-516 w/ 2 hyperjets/ft. perfs 10,516-492'. Swabbed well.
rox. ter SE½	1S Prese	2W	~  ·	-Walke	r-Victor	C. Bro	wn Unit	#1 (4	4-4C)
			: 11,140						
	Drill NGTS. IH 52 to 10 Rec 1 sli o FSI 4 min t and 2 FSI 4	ed 8 3, Rec 37, IF, 520', 023' h: i1 and 267, FI est, I 67' s1:	/4" hole 1054' wat 82-164, Ran DST ighly oil gas cut HH 5298. NGTS. Re i gas cut	from ter cust ISI 1 #2 ( and mud. Dril: c drlg	shion it 716, FF 10,490- gas cut Pressut led 8 3 5' sli mud. Ied 8 3	267-719 267-719 267-719 water of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	FSI 4 60 min ushion, 5298, to 10, water of s: IH to 10,	1i oil 591, F test. 1482' IF 123 580. ushion 5318,	#1 (10,368-10,490) 60 min test. I and gas cut mud. Pressures: FHH 5237. Drilled 8 3/4" hole GTS in 20 mins of FSI, TSTM. I highly gas cut oil and 279' 3-472, ISI 4287, FF 698-1006, Ran DST #3 (10,518-10,580) 60 n, 396' moderately gas cut oil IF 62-246, ISI 4976, FF 288-760, Ran DST #4 (10,578-10,625') I highly oil and gas cut water
Note: The	ere were				films or so		nued)		M cu. ft. of
gas sold;					runs or sal	es of gasol	ine during	the mont	M cu. ft. of th.
NO	TE: Rep in Rule	oort on the C-22. (	his form as (See back o	provide of form.	d	1	ATUS: 1	F-Flowin SI-Shut I GI-Gas 1	ng P-Pumping GL-Gas Lift

[ ]/

Form OGCC 4

## STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

# REPORT OF OPERATIONS AND WELL STATUS REPORT

ıte	Utah	Cou	Duche	esne	F	ield or I	ease	Bluel	oell Fie	1d		
					ntions and p				ing and pr	oducing	wells) for	
ent's s	address	P.	0. Box 4.	55		Compa	<sub>ny</sub> Chev	ron Oi	1 Co, We	stern	Div.	
			nal, Utal				R. W	. PATT	erson /	wta	tleison	U
											2	
					No						e & Pat. 😿	
	ase No	1			Oil	Water	Gas			ARKS		
of 1/4	Twp.	Range	Well No.	*Status	Bbls.	Bbls.	MCF's	Date &	ling, Depth; Results of Value of Gas; and	if shut do Water Shu	t-Off Test;	
								No. of Days Produced				
	FF 108 (10,65) trace 82-20 10,73 gas c ISI 5	87-2041 25-10,6 of oil 5, FSI 5') 105 ut oil 881, FI	FSI 50 70') 60 and 93' 3802, FH min tes and 94' 246-125	56, FH min te water H 5418 t. NG highly 0, FSI 8) 60	t. NGTS cut mud. Drille TS. Rec gas and 5881, FI	Drille Rec Pres d 8 3/ 1953' mud cu HH 5962	d 8 3/4 1116' v sures: 4" hole highly t oil. Dri	H hole water c IH 54 to 10 gas cu Press lled 8 c 1922	to 10,6 ushion, 18, IF ,735. I t water ures: 3/4" ho	570'.  196' c  41-82,  Ran DS1  cushic  IH 5962  le to 1  s cut v	1067, IS Ran DST irlg mud ISI 3802 r #6 (10, on, 907' 2, IF 41- 10,928. water cus	#5 w/ sli , FF 700- highly 205, Ran hion,
	4.651	sli gas IF 82	and oil	Cut w	and 61	33' sli	oil a	nd mud	cut wat	er. Pi	ressures: 1 8 3/4"	IH
Note:	There we	Pre			runs or sa	ales of oil	;				M cu. ft. o	<b>-</b> f
Note: gas sol		.10			runs or sa			ng the mo	onth.			
	NOTE:	Report o	on this form 2. (See bac	as prov	ided m.)	*5	TATUS	: F-Flow SI-Shu	_	'umping )-Dead	GL-Gas Li	- ft

FILE IN DUPLICATE

GI-Gas Injection TA-Temp. Aban.

WI-Water Injection

18 2W Chevr Walker-Victor C. Brown Unit #1 4-40

Present Status Total Depth: 11,434

### Operations Conducted

Drilled 8 3/4" hole to 11,165. Ran DST #8 (11,065-11,165). 60 min test. MGTS.

Rec 2170' water cushion and 380' sli oil and water cut mud. Pressures: IR 6203,
IF 21-103, ISI 4631, FF 103-230, FSI 4631, FHH 6203.
Drilled 8 3/4" hole from
11,165 to 11,387. Ran DST #9 (11,372-11,387). 60 min test. MGTS. Rec 2387'
sli gas cut water cushion and 135' highly gas and mud
6324, IF 41-82, ISI 6123, FF 103-267, FSI 6324, FHH 6365. Drilled 8 3/4" hole
from 11,387 to 11,434'. Ran DST #10 (11,364-11,434). 60 min test. NGTS. Rec
2325' gas cut water cushion and 435' highly gas cut, sli mud cut oil. Pressures:
IH 6365, IF 82-185, ISI 6486, FF 226-739, FSI 6410, FHH 6365. Ran BHC Sonic
Gamma Ray w/ Caliper, Shear Amplitude, Variable Density, Dual Induction-Laterlog
and Compressional Amplitude Logs. Comented 7", 23, 26 & 29# N-80 casing at
11,434' w/ 400 sacks 50/50 Fosmix cement containing 2% Gel, 10% salt, 0.5% D-65,
0.4% D-13-R, 0.3 gal per sack D-73 followed by 125 sacks Chem-Comp. containing
12.5 #/sack Kolite, 10% salt, 0.2% D-74-R, 0.25 gals/sack D-73, 1.0% D-65.
Released drilling rig on 2-18-69.

GAS PRODUCTION AND DISPOSITION

PRODUCTION

Total Gas Production

**DISPOSITION** 

Lease Fuel
Delivered to Drlg. Rig
Unconserved

8,638 MCF 2,886

26,000 MCF

14,476

gas sold;runs or sales of gasoline during the month.	

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift SI-Shut In D-Dead

GI-Gas Injection TA-Temp. Aban.

WI Water Injection

A pr



## CHEVRON OIL COMPANY

WESTERN DIVISION

P. O. BOX 455 VERNAL UTAH 84078

March 21, 1969

State of Utah Div. of Oil & Gas Conservation 1588 West North Temple Salt Lake City, Utah 84116

Attention: Mr. Paul Burchell

Re: CHEVRON-WALKER-VICTOR C. BROWN

UNIT #1 (4-4C)

SEZ SECTION 4, T1S, R2W DUCHESNE COUNTY, UTAH

### Gentlemen:

Confirming our conversation of March 20, 1969, we request that you hold all data on subject well as "Confidential" for the period of six months.

Very truly yours,

R. W. PATTERSON Unit Superintendent

RWP/cw

Form OGCC 4 PAGE TWO

## STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

## REPORT OF OPERATIONS AND WELL STATUS REPORT

	M	larch	·····	., 1969	-1					
Agent's a	nddress	P. 0	• Box 45	5		Compa	ny Chev	vron Oil	L Company W	estern Div.
			al, Utah			Signed	R. W.	PATTERSO	ON Rutat	terson
Phone		789-	2442			Agent'	s title	Unit S	Superintende	ent
State Lea	se No		Fede	ral Lease	No		Indian L	ease No		Fee & Pat. 🔀
Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	(If drilli	REMARKS ng, Depth; if shut	down, Cause;
ox. • SW½	1s	2W	Springfi (2-10C)	eld Ma	rine Ba	nk Unit	#1	Contents No. of	Results of Water S of Gas; and Gas-C	Dil Ratio Test)
10		Oil Ba	ales ced Oil		2,976.			Days Produced		
	1	il Sal	es		2,951.					
ox.	1S	2W	Chevron	Hiko E	ell-Nor	mal Ken	dall Un	it #1 (	2 <b>-</b> 12 <b>C)</b>	
12	No Sa	ıes								
*************************************	18	2W	Chevron	Walker	-Victor	C. Bro	wn Unit	#1 (4-	4C)	
	· ·	nt Sta Depth	tus 11,43	4.						
	Opera	tions	Conducte	<u>d</u>						
	out t	o PBTD	of 11,4 05.40'.	14'. Perfo	Ran CBL rated a	-Gamma-I	Ray & Co 7-11,393	11ar Lo 3 w/ 4	ocator log. jets/ft. Pu	11,360'. Drill RIH and landed mped 6 bbls 15% 11,367 to 11,39
	Pumpe	d 18 b	bls fres	h H <sub>2</sub> O abbed	and 18 well.	bbls 15% Perfora	Hf mud	d acid (	containing . to 10,724 w/	5% 5N compound 4 shots/ft. 0,694-724 w/ 4
	jets/	ft. A	ttempted	to br	eak dow	n perfs from 10	with no.	succes 5. Brol	ss. Spotted kedown perfs	l 210 gal 15% HC : 10,694-724.
	perfs	10.69	4-724.	\$wabbe	d well.	Cemen	t squee:	zed per:	fs 10,694-72	5N compound int 24 w/ 150 sacks led out to PBTI
	at 10	794'.	Reperf	orated	at 10,	694-724 d 10 bb	w/ 2 h; 1s fresi	yperjet: h H <sub>2</sub> 0 a:	s/ft. Broke nd 12 bbls 1	edown perfs 10,6 15% HCl containi
	3-27	69. F	ligged up	to sw	ab well	. 3-28-6 . 734-73	9 Swa 5 w/ 2	bbed per jets/ft	rfs at 10,69 Set CI Ce	mpletion rig 94-724. Perfora ement Retainer a
	with	6000 T	si. Set	CI Br	idge Pl	ug at 1	0,688'.	Broke	down perfs	to cement squees 10,679-10,680 an 1 and .6 of 1%
	Hala	d-9.								
Note:	There wer	e			runs or	sales of oil	; 100			M cu. ft. of

FILE IN DUPLICATE

GI-Gas Injection TA-Temp. Aban. WLWster Injection

X.	1.8	2W	Chevi		A	T				- 1									
8Wk 12	No \$4	les					*												2"
									<b>s</b> .									-	
x. Säk 4	18	2W	Chev	ron-	wa lke	-V1	ctoi	C.	Bro	wn '	Unit	#1	(4	-4C)	•				
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FILE IN DUPLICATE

GI-Gas Injection
WI-Water Injection TA-Temp. Aban.

STATE OF UTAH

### SUBMIT IN DUPLICATE\*

(See other in-

	OIL & G	AS CONSER					Tona Tana	1
	<u></u>						Fee Lan	ALLOTTEE OR TRIBE NAME
WELL CO				ON REPORT	AND	LOG*	_	
1.4	WI	ELL X GAS WELL	DRY	Other			7. UNIT AGREE	MENT NAME
b. TYPE OF COM		EEP- PLUG N BACK		a. 🗀 ^ Other			8. FARM OR LE	EASE NAME Chevron-Wa
2. NAME OF OPERA	TOR ^						Victor	C. Brown
		ny, Western	Divisio	n			9. WELL NO.	
3. ADDRESS OF OPE	^	rnal, Utah	04078				Unit #1	(4-4C)
				vith any State requi	irements)*		Bluebel	•
At surface 1	336! FSL a	and 1165' F		ec. 4, T1S,				M., OR BLOCK AND SURVEY
At top prod. in	terval reported b	elow					Sac. 4.	T1S, R2W, USM
At total depth	v	· ·					Dec. 7,	TIS, KAW, UDIA
	1.1		14. PERM	IIT NO.	DATE ISS	UED	12. COUNTY OR PARISH	
h**	**		*   ^				Duchesne	
15. DATE SPUDDED 11-19-68	,	REACHED 17. DAT		eady to prod.) 18		•	B, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD	2-14-6 & TVD 21. PLI	UG, BACK T.D., MD &	-9-69	IE MULTIPLE COMPL		5,974	S ROTARY TOOLS	CABLE TOOLS
20. TOTAL DEPTH, MD 11,434		28 (10,660-	F	IF MULTIPLE COMPL. HOW MANY*	••	DRILLED B	Y .	CADOD ICIAL
24. PRODUCING INTE				AME (MD AND TVD)	• 1	·	0-11,434	25. WAS DIRECTIONAL
	_	6 Green Riv					0	SURVEY MADE
	· .	*				• •		No
26. TYPE ELECTRIC .	AND OTHER LOGS	DIVIN	1.1				1.00	7. WAS WELL CORED
		BHC Son	nic Gamm.	a Ray w/Cal	per,	Shear A	mpiltuae,	(, WAS WELL COMME
Variable Densi	ty, Dual	Induction-I	nic Gamm aterlog	a Ray w/Cali	iper,	Shear A Amplitu	mpiltuae,	No No
Variable Densi	ity, Dual	Induction-I	<u>Laterlog</u> sing recori	& Compressing (Report all string	ional A	Amplitue	de logs	No
Variable Densi	weight, LB.	CAS  -/FT. DEPTH S	Laterlog SING RECORI	& Compressi D (Report all string HOLE SIZE *	ional 1	Amplitue ell) CEMENTIN	de logs	NO AMOUNT PULLED
Variable Densi	ity, Dual	Induction-I	Laterlog SING RECORI	& Compressing (Report all string	ional As set in we	Amplitue ell)  CEMENTIN  SXS 50/	de logs  G RECORD  50 Pozmix ta	No
Variable Densizes.  CASING SIZE.  10 3/4"	weight, Lb.	Induction-I  CAS  /FT. DEPTH S  518	Laterlog SING RECORI	Compressible (Report all string HOLE SIZE .	10na1 1 8 set in we 425 1 100 1	Amplitue ell)  CEMENTIN  SXS 50/  SXS Type	de logs  G RECORD  50 Pozmix ta	AMOUNT PULLED
Variable Densi 28.	weight, LB.	Induction-I  CAS  /FT. DEPTH S  518	Laterlog SING RECORI	& Compressi D (Report all string HOLE SIZE *	425 s 100 s 400 s	Amplitue ell)  CEMENTIN  SXS 50/ SXS Type SXS 50/	de logs  SG RECORD  50 Pozmix ta  E G  50 Pozmix fo	AMOUNT PULLED
Variable Densizes.  CASING SIZE.  10 3/4"	weight, Lb.	Induction-I  CAS  /FT. DEPTH S  518	Laterlog SING RECORI SET (MD) .77 434	Compressible (Report all string HOLE SIZE .	425 s 100 s 400 s	Amplitue ell)  SXS 50/ SXS Type SXS 50/ SXS Chei	de logs  SG RECORD  50 Pozmix ta  E G  50 Pozmix fo	AMOUNT PULLED ailed in with ollowed by
Variable Densizes.  CASING SIZE.  10 3/4"  7".	weight, Lb.	Induction-I  CAS  /FT. DEPTH S  518   29 11,4	Laterlog SING RECORI SET (MD) .77 434	Compression (Report all string HOLE SIZE.  -15"  8 3/4"	425 4 100 8 400 8 125 8	Amplitue ell)  SXS 50/ SXS Type SXS 50/ SXS Chei	de logs  SG RECORD  SO POZMIX ta  E G  SO POZMIX form-Comp.	No  AMOUNT PULLED  ailed in with  ollowed by
Variable Densi 28.  CASING SIZE.  10 3/4"  7".	weight, LB. 40.5 23,26 &	Induction-I  CAS  FT. DEPTH S  518  29 11,4	Laterlog SING RECORI SET (MD) .77 434	Compression (Report all string HOLE SIZE.  -15"  8 3/4"	425   100   125   30   100	Amplitudelli CEMENTIN  SXS 50/ SXS Type SXS 50/ SXS Chei	de logs  SG RECORD  SO POZMIX ta e G  SO POZMIX fom-Comp.  TUBING RECOR	No  AMOUNT PULLED  ailed in with  ollowed by
Variable Densi 28.  CASING SIZE.  10 3/4"  7".  29.  SIZE	WEIGHT, LB. 40.5 23,26 &	Induction-I  CAS  JET. DEPTH S  518.  29 11.4  Liner record  Bottom (MD)	Laterlog SING RECORI SET (MD) .77 434	Compression (Memory all string Hole Size	425   100   125   30   100	Amplitudelli SXS 50/SXS Type SXS 50/SXS Chei	de logs  50 Pozmix ta  G G G G G G G G G G G G G G G G G G G	No  AMOUNT PULLED ailed in with ollowed by
Variable Densi 28.  CASING SIZE .  10 3/4"  7"  29.  SIZE  31. PERFORATION REG 68-10. 616.2 On	WEIGHT, LB. 40.5  23,26 &	Induction-I  CAS  /FT. DEPTH S  518.  29 11,4  Liner record  Bottom (MD)  size and number)	Laterlog SING RECORI SET (MD) -77  434  D SACKS CEMI	Compression (Megorial String Hole Size	425 (100 s) 400 (10) (10) (10) (10) (10) (10) (10) (1	Amplitudell)  CEMENTIN  SXS 50/ SXS Type SXS 50/ SXS Chei	de logs  50 Pozmix ta  G G G G G G G G G G G G G G G G G G G	AMOUNT PULLED ailed in with collowed by  PACKER SET (MD)
Variable Densizes.  28.  CASING SIZE.  10 3/4"  7".  29.  SIZE  31. PERFORATION RE 68-10,616 2 On Omega & 2 hype	WEIGHT, LB. 40.5  23,26 &  TOP (MD)  CORD (Interval, somegajets/fterjets/ft	Induction-I  CAS  /FT. DEPTH S  518.  29 11.4  Liner Record  BOTTOM (MD)  size and number)  t. Reperform 10,694	Laterlog SING RECORI FOR THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T	Compression (Meport all string Hole Size	100 al 425 al 425 al 400 al 125 al 300 al 400  Amplitudell)  CEMENTIN  SXS 50/ SXS Type SXS 50/ SXS Chei  SIZE  7/8"  SHOT, FRAMMD)	de logs  SO Pozmix ta e G  SO Pozmix for m-Comp.  TUBING RECOR DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND	AMOUNT PULLED ailed in with collowed by  D PACKER SET (MD)  SQUEEZE, ETC. OF MATERIAL USED	
Variable Densize.  28.  CASING SIZE.  10 3/4"  7".  29.  SIZE  31. PERFORATION REG 68-10,616 2 On Omega & 2 hype squeeze. Ori	WEIGHT, LB.  40.5  23,26 &  TOP (MD)  CORD (Interval, seegajets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/ft	Induction-I  CAS  /FT. DEPTH S  518.  29 11,4  LINER RECORD  BOTTOM (MD)  size and number) t. Reperform 10,694 ad perfed 1	Laterlog SING RECORI FOR THE SET (MD) 77  434  D SACKS CEMI Orated tv 4-10,724 10,694-10	Compression (Meport all string HOLE SIZE ,  15"  8 3/4"  SCREEN (Methods and the string HOLE SIZE ,  25"  8 3/4"  SCREEN (Methods and the string HOLE SIZE ,  26"  10"  10"  10"  10"  10"  10"  10"  1	425 (100 s) 400 (10) (10) (10) (10) (10) (10) (10) (1	Amplitue ell)  CEMENTIN  SXS 50/ SXS Type SXS 50/ SXS Cher  SIZE  7/8"  SHOT, FRACMED)  393 6	de logs  SO Pozmix ta e G  SO Pozmix for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND O  bbls 15% HC1	AMOUNT PULLED ailed in with collowed by  D PACKER SET (MD)  SQUEEZE, ETC. OF MATERIAL USED  1 containing .5%
Variable Densize.  28.  CASING SIZE.  10 3/4"  7".  29.  SIZE  31. PERFORATION REG 68-10,616 2 On Omega & 2 hype squeeze. Ori	WEIGHT, LB.  40.5  23,26 &  TOP (MD)  CORD (Interval, seegajets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/fterjets/ft	Induction-I  CAS  /FT. DEPTH S  518.  29 11,4  LINER RECORD  BOTTOM (MD)  size and number) t. Reperform 10,694 ad perfed 1	Laterlog SING RECORI FOR THE SET (MD) 77  434  D SACKS CEMI Orated tv 4-10,724 10,694-10	Compression (Memory all string Hole Size	425   100   400   125   2     ACID.   TERVAL (M. 57-11, 3	Amplitue ell)  CEMENTIN  SXS 50/ SXS Type SXS 50/ SXS Cher  SIZE  7/8"  SHOT, FRAC  MD)  393 6  COI	de logs  SO Pozmix ta e G  SO Pozmix for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND C bbls 15% HC1 mpound. 18	AMOUNT PULLED  ailed in with  ollowed by  D  PACKER SET (MD)  SQUEEZE, ETC.  OF MATERIAL USED  1 containing .5%  bbls 15% HF acid
Variable Densizes.  28.  CASING SIZE.  10 3/4"  7".  29.  SIZE  31. PERFORATION REG 68-10,616 2 On Omega & 2 hype squeeze. Ori alum, no plug egajets/ft fro	WEIGHT, LB.  40.5  23,26 &  TOP (MD)  CORD (Interval, seriets/ft) Exploses/ft Lginally has jets/ft. Som 10.679-6	Induction-I  CAS  /FT. DEPTH S  518.  29 11,4  Liner record  BOTTOM (MD)  size and number) t. Reperform 10,694 ad perfed 1  RBP setti 80 & 10.734	Laterlog SING RECORI SET (MD) 77  434  SACKS CEMI Orated tv 4-10,72 10,694-10 ing @ 10,4-35 cmt	Compression (Memory all string Hole Size	100 al 425 al 425 al 400 al 125 al 300 al 400  Amplitue ell)    CEMENTIN     SXS   50/.   SXS   Type     SXS   Cher     SIZE     7/8"     SHOT, FRACE     MD)     393   6     CON     724   5	de logs  SG RECORD  50 Pozmix ta e G  50 Pozmix for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND OF bbls 15% HC1 mpound. 18 bbls 15% HC1	AMOUNT PULLED  ailed in with  ollowed by  D  PACKER SET (MD)  SQUEEZE, ETC.  OF MATERIAL USED  1 containing .5%  bbls 15% HF acid 1 acid; 19 bbls 1	
Variable Densizes  28.  CASING SIZE.  10 3/4"  7".  29.  SIZE  31. PERFORATION REG 68-10,616 2 On Omega & 2 hype squeze. Ori alum. no plug egajets/ft fro ezed. 10,367-	WEIGHT, LE.  40.5  23,26 &  TOP (MD)  CORD (Interval, see perjets/ft in in in in in in in in in in in in in	Induction-I  CAS  AFT. DEPTH S  518.  29 11.4  Liner record  Bottom (MD)  Size and number) t. Reperform 10,694 ad perfed 1  RBP setti 80 & 10,734 ru tbg 4 je	Laterlog SING RECORI SET (MD) 77  434.  Dr SACKS CEMI 074-10,724 10,694-10 ing @ 10,4-35 cmt ets/ft	Compression (Memorial String Hole Size	425   100   400   125   2     ACID.   TERVAL (M. 57-11, 3	Amplitue ell)  CEMENTIN  SXS 50/ SXS Type SXS 50/ SXS Cher  SIZE  7/8"  SHOT, FRAC  MD)  393 6  COI	de logs  SG RECORD  SO POZMIX ta e G  SO POZMIX for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND (MD) bbls 15% HC1 mpound. 18 bbls 15% HC1 l acid; 500	AMOUNT PULLED ailed in with collowed by  D PACKER SET (MD)  SQUEEZE, ETC. OF MATERIAL USED 1 containing .5% bbls 15% H <sub>F</sub> acid 1 acid; 19 bbls 1 gals 15% HCl acid
Variable Densizes.  28.  CASING SIZE.  10 3/4"  7"  29.  SIZE  31. PERFORATION REG 68-10,616 2 On Omega & 2 hype squeeze. Ori alum. no plug egajets/ft fro	WEIGHT, LE.  40.5  23,26 & TOP (MD)  CORD (Interval, seriets/ft in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its i	Induction-I  CAS  AFT. DEPTH S  518.  29 11.4  Liner record  BOTTOM (MD)  size and number) t. Reperform 10,694 ad perfed 1 RBP setti 80 & 10,734 ru tbg 4 je  lug at 10,7	Laterlog SING RECORI SET (MD) 77  434  Orated tv 4-10,724 10,694-10 ing @ 10,4-35 cmt ets/ft	Compression (Memory all string Hole Size	100 al 425 al 425 al 425 al 400 al 125 al 20 al 400	Amplitue ell)  CEMENTIN  SXS 50/.  SXS Type SXS 50/.  SXS Cher  .  SIZE  7/8"  SHOT, FRA  MD)  393 6 1  COT  724 5 1  HC	de logs  SG RECORD  50 Pozmix ta e G  50 Pozmix for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND of bbls 15% HC1 mpound. 18 bbls 15% HC1 quickless 15% HC1 (See Rever	AMOUNT PULLED  ailed in with  ollowed by  D  PACKER SET (MD)  SQUEEZE, ETC.  OF MATERIAL USED  1 containing .5%  bbls 15% H <sub>F</sub> acid 1 acid; 19 bbls 1 gals 15% HCl acid cse Side)  PATUS (Producing or
CASING SIZE.  10 3/4"  7"  29.  SIZE  31. PERFORATION REC 68-10,6616 2 On Omega & 2 hype squeeze. Ori alum. no plug egajets/ft fro ezed. 10,367- 33. excluded	WEIGHT, LE.  40.5  23,26 & TOP (MD)  CORD (Interval, seriets/ft in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its i	Induction-I  CAS  AFT. DEPTH S  518.  29 11.4  Liner record  BOTTOM (MD)  size and number) t. Reperform 10,694 ad perfed 1 RBP setti 80 & 10,734 ru tbg 4 je  lug at 10,7	Laterlog SING RECORI SET (MD) 77  434  Orated tv 4-10,724 10,694-10 ing @ 10,4-35 cmt ets/ft	Compression (Meport all string HOLE SIZE	100 al 425 al 425 al 425 al 400 al 125 al 20 al 400	Amplitue ell)  CEMENTIN  SXS 50/.  SXS Type SXS 50/.  SXS Cher  .  SIZE  7/8"  SHOT, FRA  MD)  393 6 1  COT  724 5 1  HC	de logs  NG RECORD  50 Pozmix ta e G  50 Pozmix for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S AMOUNT AND KIND of bbls 15% HC1 mpound. 18 bbls 15% HC1 q acid; 500 (See Rever	AMOUNT PULLED  ailed in with  ollowed by  D  PACKER SET (MD)  SQUEEZE, ETC.  OF MATERIAL USED  1 containing .5%  bbls 15% H <sub>F</sub> acid 1 acid; 19 bbls 1 gals 15% HCl acid cse Side)  PATUS (Producing or
Variable Densizes.  28.  CASING SIZE.  10 3/4"  7"  29.  SIZE  31. PERFORATION REG 68-10,616 2 On Omega & 2 hype squeeze. Ori alum, no plug egajets/ft froe ezed. 10,367- 33. excluded DATE FIRST PRODUCT	WEIGHT, LE.  40.5  23,26 & TOP (MD)  CORD (Interval, seriets/ft in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its in its i	Induction-I  CAS  JET. DEPTH SI  518.  29 11,4  Liner record  BOTTOM (MD)  Size and number)  t. Reperform 10,694  ad perfed 1  RBP setti 80 & 10,734  ru tbg 4 je  lug at 10,7  DUCTION METHOD (  Flowing	Laterlog SING RECORI SET (MD) 77  434  SACKS CEMI Orated tv 4-10,72  10,694-10 ing @ 10, 4-35 cmt ets/ft  794 (Flowing, gas	Compression (Memorial string Hole Size	425   100   425   100   125   100   2   100   125   100   125   100   125   100   125   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	Amplitue ell)  CEMENTIN  SXS 50/.  SXS Type SXS 50/.  SXS Cher  .  SIZE  7/8"  SHOT, FRA  MD)  393 6 1  CON  724 5 1  HC	de logs  SG RECORD  50 Pozmix ta e G  50 Pozmix for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND of bbls 15% HC1 mpound. 18 bbls 15% HC1 quickless 15% HC1 (See Rever	AMOUNT PULLED ailed in with collowed by  D PACKER SET (MD)  SQUEEZE, ETC. OF MATERIAL USED 1 containing .5% bbls 15% Hg acid; 19 bbls 1 gals 15% HCl acid; see Side)  ATUS (Producing or n)
Variable Densize 28.  CASING SIZE 10 3/4"  7"  29.  SIZE 68-10,616 2 On Omega & 2 hype squeeze. Ori alum, no plug legajets/ft froezed. 10,367-  33. excluded DATE FIRST PRODUCT 4-9-69	WEIGHT, LB.  40.5  23,26 &  TOP (MD)  CORD (Interval, see negajets/ft erjets/ft erjets/ft.  Iginally has jets/ft.  om 10,679-8-11,393 thr  by cmt. p.  PROD	Induction-I  CAS  JET. DEPTH SI  518.  29 11,4  Liner record  BOTTOM (MD)  Size and number)  t. Reperform 10,694  ad perfed 1  RBP setti 80 & 10,734  ru tbg 4 je  lug at 10,7  DUCTION METHOD (  Flowing	Laterlog SING RECORI SET (MD) 77  434  SACKS CEMI Orated tv 4-10,724 10,694-10 ing @ 10,4-35 cmt ets/ft 794 (Flowing, gas	Compression (Memorial string Hole Size	425   100   425   100   125   100   2   100   125   100   125   100   125   100   125   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	Amplitudell)  CEMENTIN  SXS 50/ SXS Type SXS 50/ SXS Chei  SIZE  7/8"  SHOT, FRAC  MD)  393 6 coi  724 5 1  HC  of pump)	de logs  SG RECORD  SO POZMIX ta e G  SO POZMIX form-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S  AMOUNT AND KIND of the compound.  bbls 15% HC1  mpound. 18  bbls 15% HC1  acid; 500  (See Rever  WELL ST  Shut-in	AMOUNT PULLED  ailed in with  ollowed by  D  PACKER SET (MD)  SQUEEZE, ETC.  OF MATERIAL USED  containing .5%  bbls 15% Hg acid  acid; 19 bbls 1  gals 15% HCl acid  cse Side)  CATUS (Producing or  Producing
CASING SIZE.  10 3/4"  7"  29.  SIZE  31. PERFORATION REC 68-10,616 2 On Omega & 2 hype squeeze, Ori alum, no plug legajets/ft fro ezed. 10,367-  33. excluded  DATE FIRST PRODUCT 4-9-69 DATE OF TEST.  4-10-69 FLOW. TUBING PRESS.	WEIGHT, LB.  40.5  23,26 &  TOP (MD)  CORD (Interval, see ser jets/ft lginally has jets/ft.  3 jets/ft.  5 m 10,679-8  11,393 thr  by cmt. p.  HOURS TESTED	Induction-I  CAS  AFT. DEPTH SI  518.  29 11,4  Liner Record BOTTOM (MD)  Esize and number) t. Reperform 10,694 ad perfed 1 RBP setti 80 & 10,734 ru tbg 4 je  lug at 10,7  DUCTION METHOD ( Flowing CHOKE SIZE 32/64"	Laterlog SING RECORI SET (MD) .77  434  D SACKS CEMI OTATE 10,694-10 ing @ 10,4-35 cmt ets/ft 794  (Flowing, gas  D PROD'N. 1 TEST PER	Compressible (Report all string Hole Size	ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  AC	Amplitueell)  CEMENTIN  SXS 50/.  SXS Type SXS 50/.  SXS Cher  SIZE  7/8"  SHOT. FRAMD)  393 6 1  CON  724 5 1  HC  of pump)  AS—MCF.	de logs  SO Pozmix ta e G  50 Pozmix for m-Comp.  TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S AMOUNT AND KIND O bbls 15% HC1 mpound. 18 bbls 15% HC1 l acid; 500  (See Rever  WATER—BBL.  31	AMOUNT PULLED  ailed in with  ollowed by  D  PACKER SET (MD)  SQUEEZE, ETC.  OF MATERIAL USED  containing .5%  bbls 15% Hg acid  l acid; 19 bbls 1  gals 15% HCl acid  cae Side)  CATUS (Producing or  Producing
Variable Densizes.  CASING SIZE.  10 3/4"  7"  29.  SIZE  31. PERFORATION RE 68-10,616 2 On Omega & 2 hype squeeze. Ori alum, no plug egajets/ft fro ezed. 10,367- 33. excluded DATE FIRST PRODUCT 4-9-69 DATE OF TEST.  4-10-69 FLOW. TUBING PRESS. 135	weight, Le.  40.5  23,26 &  TOP (MD)  CORD (Interval, somegajets/ft) Experies/ft Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. 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TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S AMOUNT AND KIND O bbls 15% HC1 mpound. 18 bbls 15% HC1 l acid; 500  (See Rever  WATER—BBL.  31	AMOUNT PULLED ailed in with collowed by  D PACKER SET (MD)  PACKER SET (MD)  SQUEEZE, ETC. OF MATERIAL USED 1 containing .5% bbls 15% HF acid 1 acid; 19 bbls gals 15% HCl acid cse Side) PATUS (Producing or n) Producing  GAS-OIL RATIO
CASING SIZE.  CASING SIZE.  10 3/4"  7"  29.  SIZE  31. PERFORATION REC 68-10,616 2 On Omega & 2 hype squeeze, Ori alum, no plug egajets/ft fro ezed. 10,367-  33. excluded  DATE FIRST PRODUCT 4-9-69 DATE OF TEST.  4-10-69 FLOW. TUBING PRESS.	weight, Le.  40.5  23,26 &  TOP (MD)  CORD (Interval, somegajets/ft) Experies/ft Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. Lginally has jets/ft. 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TUBING RECOR  DEPTH SET (MD)  10,380.20  CTURE, CEMENT S AMOUNT AND KIND O bbls 15% HC1 mpound. 18 bbls 15% HC1 l acid; 500  (See Rever  WATER—BBL.  31	AMOUNT PULLED ailed in with collowed by  D PACKER SET (MD)  SQUEEZE, ETC. OF MATERIAL USED 1 containing .5% bbls 15% Hg acid; 19 bbls gals 15% HCl acid; 19 bbls gals 15% HCl acid; See Side) PATUS (Producing or n) Producing GAS-OIL RATIO  IL GRAVITY-API (CORR.)
Variable Densizes.  CASING SIZE.  10 3/4"  7"  29.  SIZE  31. PERFORATION RE 68-10,616 2 On Omega & 2 hype squeeze. Ori alum, no plug egajets/ft fro ezed. 10,367- 33. excluded DATE FIRST PRODUCT 4-9-69 DATE OF TEST.  4-10-69 FLOW. TUBING PRESS. 135	WEIGHT, LB.  40.5  23,26 &  TOP (MD)  CORD (Interval, see negajets/ft) erjets/ft lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lginally has jets/ft. lgi	Induction-I  CAS  JEFT. DEPTH SI  518.  29 11,4  Liner record  BOTTOM (MD)  Size and number)  t. Reperform 10,694  ad perfed 1  RBP setti  80 & 10,734  ru tbg 4 je  lug at 10,7  DUCTION METHOD (  Flowing  CHOKE SIZE  32/64"  CRE CALCULATED  24-HOUR RAT	Laterlog SING RECORI SET (MD) 77  434  Dr SACKS CEMI 04-10,724 10,694-10 ing @ 10,4-35 cmt ets/ft 794 (Flowing, gas Coll—BEL CTE OIL—BEL	Compression (Report all string Hole Size	ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  ACID.  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OF MATERIAL USED  containing .5% bbls 15% Hg acid l acid; 19 bbls gals 15% HCl acid; 10 bbls gals 15% HCl acid; 10 bbls gals 15% HCl acid; 10 bbls gals 15% HCl acid; 10 bbls gals 15% HCl acid; 10 bbls gals 15% HCl acid; 10 bbls gals 15% HCl acid; 10 bbl

\*(See Instructions and Spaces for Additional Data on Reverse Side)

0&GCC, SLC-2; REH-1; R.H. Griffin, Denver-1; Well File-1;

# INSTRUCTIONS

and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal Any necessary special instructions concerning the use of this form and the number of copies to be This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency. both, pursuant to applicable Federal and/or State laws and regulations.

should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Interval is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval is completed for separate production for only the interval reported in Item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 29: "Socks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

(Continued) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 32.

- 1700 gallons mud acid. 24 bbls mud acid. Depth Interval - 10,694-10,724 (Cont) 10,568-10,616

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSHI	ROUS ZONES: RTANT ZONES OF POI TESTED, CUSHION	ROSITY AND CONTENUSED, TIME TOOL O	MARY OF POROUS ZONES: BHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. , GEOLOG	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, EIC.	1	TO	TOP Sub Sea Datum
Green River	10,368	10,490	60 min test. NGTS. Rec. 1054' water	NAM 6	MEAS. DEPTH	MICH XMEK SOMMY
	•		cushion in D.P. and 554' sli oil & gas cut	Duchesne River	Surface	
: •		•	mud. Pressures: IH 5237, IF 82-164, ISI	Green River	6,977	(-1003)
			1716, FF 267-719, FSI 4591, FHH 5237.	Mahogany Bench	8,585	(-2611)
Green River	10,490	10,520	10,520 60 min test. GTS in 20 mins of FSI, TSTM.	Wasatch	11,416	(-5442)
REEXTHER			Rec 1023' highly oil & gas cut water cush,			
			1482' highly gas cut oil & 279' sli oil &	-		
			gas cut mud. Press; IH 5298, IF 123-472,			
4		¢	F			
Green River	10,518	10,580	60 min test. NGTS. Rec 1116' sli gas cut water cushion, 396' moderadely gas cut oil	water cushion, 3	96' modera	dely gas cut oil
ŝ.		•	267' sli gas cut drlg. mud. Press: IH 5318, IF 62-246, ISL 4976, FF 288-760, FSL	8, IF 62-246, IS	I 4976, FF	288-760, FSI
(			4996, FHH 5318.	-	•	
Green River	10,578	10,625	67 min test. GTS in 21 mins of final flow. Rec 1116 highly oil & gas cut water cush	Rec 1116 high	ly oil & ga	as cut water cush
<b>Q</b> 5			and 4962' highly gas cut oil. Press: IH \$318, IF 575-1067, ISI 5056, FF 1087-2041,	318, IF 575-1067,	ISI 5056,	FF 1087-2041,
Q.		•	нн 5298.	,		
Green River	10,625	10,670	10,670 60 min test. NOTS. Rec 1116 water cushiqn, 1964x drlg. mud w/ sli trace of oil &	n, 1964x drig. m	ud w/sli	rrace of oil &
		· ·	ut mud.	82, ISI 3802, FF	82-205, FS	st 3802, FHH 5418
Green River	10,700	~ 10,735	105 min test, NGTS, Rec 1953 highly gas	cut water cushio	n, 907' hig	shly gas cut oil
•			and 94' highly gas & mud cut oil. Press: IH 5962, IF 41-205, ISI 5881, FF 246-1250,	IH 5962, IF 41-2	05, ISI 588	81, FF 246-1250,
			FSI 5881, FHH 5962,			
Green River	10,811	10,928	60 min test, NGTS, Rec 1922' sli gas cut water cushion, 465' sli gas & oil cut mud	water cushion, 4	65' sli ga:	s & oil cut mud
		*	and 633' sli oil & mud cut water. Press:	IH 6163, IF 82-4	11, ISI 45	10, FF 452-1371,

(Continued on attached sheet)

### 37. SUMMARY OF POROUS ZONES:

FORMATION	TOP	BOTTOM	DESCRIPTION
Green River	11,065	11,165	60 min test. NGTS. Rec 2170' water cushion and 380' sli oil & water cut mud. Press: IH 6203, IF 21-103, ISI 4631, FF 103-230, FSI 4631, FHH 6203.
Green River	11,372	11,387	60 min test. NGTS. Rec 2387' sli gas cut water cushion and 135' highly gas & mud cut oil. Press: IH 6324, IF 41-82, ISI 6123, FF 103-267, FSI 6324, FHH 6365.
Green River	11,364	11,434	60 min test. NGTS. Rec 2325' gas cut water cushion & 434' highly gas cut, sli mud cut oil. Press: IH 6365, IF 82-185, ISI 6486, FF 226-739, FSI 6410, FHH 6365.

FORM OGC-8-X FILE IN QUADRUPLICATE

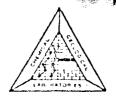
### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS CONSERVATION 1588 West North Temple Salt Lake City, Utah 84116

### REPORT OF WATER ENCOUNTERED DURING DRILLING

Operator Chevr	on Oil Co., Western	n Div.	Address	Vernal,	Utah	Phone_ <b>789-244</b>
Contractor B	rinkerhoff Drilling	g Co.	Address	Denver,	Colo	Phone
Location	½ <b>SE</b> ½ Sec. 4	Т.	<b>15</b> N, R.	E,	Duchesne	County, Utah
Water Sands:			S	W	. 4.	
<u>Depth</u>		:	<u>Volume</u>		Qu	<u>uality</u>
From:	То:	Flov	v Rate or He	ead:	Fresh	or Salty:
1			and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t			
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				wallowers are a second and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contr		Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Commit
			(	Continue o	n Reverse Si	de if Necessary
Formation Tops	Duchesne River Green River Mahogany Bench Wasatch		8,585	(-1003) (-2611) (-5442)		

NOTE:

- (a) Upon diminishing supply of forms, please inform this office.
- Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of Form).
- If a water analysis has been made of the above reported zone, please forward a copy along with this form.



RECLAMBE BR. GROBES - THE SAT

## CHEM LAB

# WATER ANALYSIS EXCHANGE REPORT

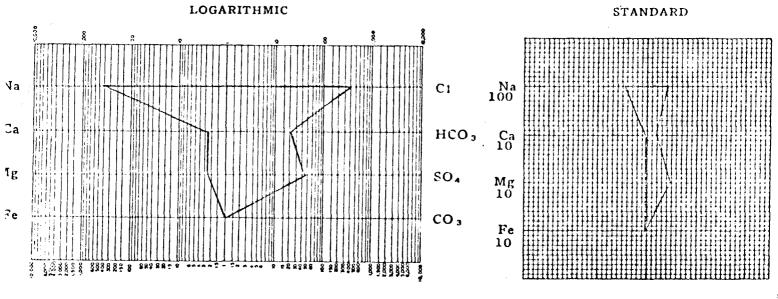
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LOURVEY LLL UTAB

MEMBER Unevron	111 Company		LAB NO. 3287-3	REPORT	NO			
OPERATOR Chevron	011 Company		LOCATION Section	1-1S-2W				
WELL NO. V. Brown								
FIELD Bluebell			INTERVAL					
COUNTY Duchesne			SAMPLE FROM Product	ion (Treater	)			
STATE Utah			DATE February		4			
REMARKS & CONCLUS	SIONS: Da	rk filtrate	).					
Cations	mg/1	meq/1	Anions	<u>mg/1</u>	meq/1			
Sodium	10.182 .	442,95	Sulfate	2,243	46.65			
Potassium	193	4.94	Chloride	13,600	383.52			
Lithium			Carbonate					
Calcium	46	2.30	Bicarbonate	1,366	22.40			
Magnesium	29	2.38	Hydroxide		-			
Iron	Trace		Hydrogen sulfide	Absent				
Total Catio	ns	452.57	Total An	ions	452.57			
Total dissolved solids, mg/1 NaC1 equivalent, mg/1 Observed pH		26,966 25,567 8.1	Specific resistance @ 68° Observed Calculated	F.: 0.312 0.275	ohm-meters			

### WATER ANALYSIS PATTERNS

MEQ per unit



N TRIPLICATE\*
Instructions on

reverse	e side)
DEPARTMENT OF NATURAL RESOURCES	5. LEASE DESIGNATION AND SERIAL NO.
DIVISION OF OIL, GAS, AND MINING	Fee Land
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	
	7. UNIT AGREEMENT NAME
I. OIL 및 UAS	I, UNIT AGREEMENT NAME
WELL LA WELL OTHER	8. FARM OR LEASE NAME
2. NAME OF OPERATOR	Victor C. Brown
Chevron U.S.A. Inc.	
3. ADDRESS OF OPERATOR	9. WELL NO. Unit #1-4A2
P. O. Box 599, Denver, CO 80201	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)	10. FIELD AND POOL, OR WILDCAT
1336' FSL & 1165' FEL BOOT (4/C)	Bluebell-Green River
0.00) (444)	11. SEC., T., E., M., OR BLK. AND SUEVEY OR AREA
1336' FSL & 1165' FEL \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- /
	Sec 4, T1S, R2W, USM
14. PERMIT NO. 15. BLEVATIONS (Show whether DF, RT, GR, stc.)	12. COUNTY OR PARISH 18. STATE
KB 5974	Duchesne UT
CL LA D. T. L. Janes Mary Chiefe December	Oshar Data
Check Appropriate Box To Indicate Nature of Notice, Report, or	
NOTICE OF INTENTION TO:	EQUENT SEPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	ALTERING CASING
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	X ABANDONMENT*
and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o	
REPAIR WELL CHANGE PLANS (Other) (Note: Report result	its of multiple completion on Weil
(Other) Completion or Recon  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent date	apletion Report and Log form.)
Well was perforated and acidized as per the attached.	
APPROVED BY THE DIVISION OF OIL GAS, AND MINING	3-State 2-USGS 1-Partner 1-JAH 1-DLD 1-Sec. 723 1-File
No additional surface disturbances required for this activity.  DATE:  BY:	
18. I hereby certify that the foregoing is true and correct J. J. Johnson	
On Column Engineering Assistant	1/6/78
4503787 1/3// 4/// // Tark	DATE 1/U//U
SIGNED TILLS	DATE 170770

\*See Instructions on Reverse Side

DATE

WELL NAME:	Victor C. Brown #1	-4A2
FIELD:	Bluebell-Green Riv	er

### COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 2 shots per foot.

10,480 - 10,570

- 2. Company doing work: Oil Well Perforators
- 3. Date of work: November 19, 1977
- 4. Additional surface distrubances: None.
- 5. Production after work:

Date	BOPD	MCFD	BWPD
12/10-17/77	16		276

WELL NAME	Victor C. Brown #1-4A2
FIELD NAME	Bluebell-Green River

### COMPLETED TREATMENT PROCEDURE

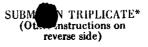
- 1. Size and type of treatment: 2,500 gals 15% HCl and 12,500 gals  $7\frac{1}{2}$ % HCl.
- 2. Intervals treated: 10,480-10,570
- 3. Treatment down casing or tubing. Tubing.
- 4. Methods used to localize effects: Ball sealers were used as diverting agents.
- 5. Disposal of treating fluid: Spent acid was swabbed back.
- 6. Depth to which well was cleaned out: 10,496
- 7. Time spent bailing and cleaning out: 3 days.
- 8. Date of work: November 21, 1977
- 9. Company who performed work: Halliburton
- 10. Production interval:
- 11. Status and production before treatment:

<u>Date</u>	BOPD	MCFD	BWPD
9/18 - 9/25/77	25		100

12. Status and production after treatment:

Date	BOPD	MCFD	BWPD
12/10-17/77	16		276

# DEPARTMENT OF NATURAL RESOURCES



	DIVISIO	ON OF OIL, GAS, AND N  ICES AND REPORTS  ICES AND REPORTS  ICES AND FOR PERMIT—" for such	ON WELLS	5. LEASE DESIGNATION AND SERIAL NO. Fee Land 6. IF INDIAN, ALLOTTES OR TRIBE NAME
1.	OIL X GAS			7. UNIT AGREEMENT NAME
2.	WELL WELL OTHER NAME OF OPERATOR	·		8. FARM OR LEASE NAME
	Chevron U.S.A. Inc.			Victor C. Brown
8.	ADDRESS OF OPERATOR	<del></del>		9. WELL NO.
	P. O. Box 599, Denver,	Colorado 80201		1-4A2
4.	LOCATION OF WELL (Report location cle		y State requirements.	10. FIELD AND POOL, OR WILDCAT
	See also space 17 below.) At surface			Bluebell-Green River
	1336' FSL & 1165' FEL			11. SEC., T., M., M., OR BLK. AND SURVEY OR AREA
				Sec. 4, T1S, R2W
14.	PERMIT NO.	15. BLEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
		KB 5974		Duchesne Utah
16.	Check Ap	propriate Box To Indicate	Nature of Notice, Report, or	Other Data
	NOTICE OF INTENT	NON TO:	BUBSEQ	UENT REPORT OF:
	TEST WATER SHUT-OFF P	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
	FRACTURE TREAT M	ULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CASING
	SHOOT OR ACIDIZE X A	BANDON*	SHOUTING OR ACIDIZING	ABANDONMENT*
	REPAIR WELL CI	HANGE PLANS	(Other)	Wall
	(Other)		Completion or Recomi	s of multiple completion on Well pletion Report and Log form.)
	2. POOH w/2-7/8" tbg 3. RIH w/Retr. "D" 4. MI perforating eq 5. RIH w/cast iron b Set Retr. "D" Pkr 6. MI pumping equipm 7. If well flows, RD 8. POOH w/2-7/8" tbg 9. RIH w/2-7/8" tbg 10. RIH w/beam pump at 11. Place well on pro-	NU BOPE & test. PO  ( & anchor hold down on 2-7/8" tbg, set uipment and perfora ridge plug and set at 10,450. ment and acidize. So & MO. ( & Retr. "D" Pkr, i & anchor hold down. nd rods. duction.	OOH w/rods & beam pump n. Check hole for fill below perf at 10,616. ate. See attached. at 10,685 (if RBP at See attached.	o. 1 and clean out. 10,660 has been removed).
	disturbances requi	ired		1 - Sec. 723
	for this activity.	•;		1 - Sec. 723
8.	I hereby certify that the foregoing is	true and correct		
1	SIGNED If him	TITLE Eng	gineering Assistant	October 3, 197
===	(This space for Federal or State office	use)		
,	APPROVED BY	TITLE		DATE

WELL NAME: V.Brown 1-4A2

FIELD: Bluebell

### PROPOSED TREATMENT PROCEDURE

1. Objective:

Increase production.

- 2. Size and type of treatment: 14,000 gals.
- <sup>3</sup> 3. Intervals to be treated: 10,481-10,679
  - 4. Treatment down casing or tubing: Tubing.
  - 5. Method of localizing its effects: Ball sealers and benzoic acid flakes to be used as diverting agents.
  - 6. Disposal of treating fluid: Spent acid will be swabbed back to flat tank.
  - 7. Name of company to do work: Dowell, Halliburton or Western.
  - 8. Anticipated additional surface disturbances: None.
  - 9. Estimated work date: October 25, 1979.
- 10. Present status, current production and producing interval:

Date	BOPD	MCFD	$\underline{\mathtt{BWPD}}$
8/79	3		102

# STATE OF UTAH



	DEPARTMEN	IT OF NATURAL RES	OURCES		
	DIVISION	OF OIL, GAS, AND M	INING	Fee Lan	NATION AND SERIAL NO.
(D	SUNDRY NOTICE o not use this form for proposals use "APPLICATIO"	S AND REPORTS to drill or to deepen or plus		<u> </u>	ALLOTTER OR TRIBE NAME
i.	図AB	N FOR PERMIT—" for such	proposals.)	7. UNIT AGREEM	EMAN THE
WELL 2. NAME O	WELL OTHER OF OPERATOR	<del></del>		8. FARM OR LE.	ASE NAME
Chev	ron U.S.A. Inc.			1	C. Brown
	S OF OPERATOR			9. WELL NO.	
P. 0	. Box 599, Denver, C	olorado 802 <b>0</b> 1.		1-4A2	
4. LOCATIO	N OF WELL (Report location clearly space 17 below.)	y and in accordance with an	y State requirements.	10. FIELD AND	POOL, OR WILDCAT
At surf	ace			<u> </u>	1-Green River
1336	' FSL & 1165' FEL			11. SEC., T., R., SURVEY	M., OR BLE. AND OR ARBA
				Sec. 4,	T1S, R2W
14. PERMIT	NO.   15	KB 5974	F, RT, GR, etc.)	Duchesn	e Utah
16.				<u></u>	e   Utan
10.	• • • • • • • • • • • • • • • • • • • •		Nature of Notice, Report, or C		
	NOTICE OF INTENTION	TO:	BUBBAQU	TENT REPORT OF:	. —
		OR ALTER CASING	WATER SHUT-OFF	7	AIRING WELL
	OR ACIDIZE X ABANG	IPLE COMPLETE	FRACTURE TREATMENT SHOOTING OR ACIDIZING	1	RING CASING
REPAIR		GE PLANS	(Other)		
(Other	·)		(Note: Report results Completion or Recompl	of multiple competion Report and	pletion on Well Log form.)
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	MI & RU WO Rig. NU POOH w/2-7/8" tbg & RIH w/Retr. "D" on MI perforating equiRIH w/cast iron brices to Retr. "D" Pkr a MI pumping equipment of well flows, RD &	BOPE & test. PO anchor hold down 2-7/8" tbg, set pment and perforadge plug and set t 10,450. t and acidize. S MO. Retr. "D" Pkr, i anchor hold down. rods. ction.  APPROVED BY OAL, GAS, AN	at 10,685 (if RBP at 1 ee attached.  f well does not flow.  THE DIVISION OF	3 - Sta 2 - USG 2 - Par	been removed).  te S tners
	disturbances require for this activity.	BY: Summer of	IN Solans	1 - JAH 1 - Sec. 1 - File	. 723
18. I hereby	certify that the foregoing is true		ineering Assistant	DATE	October 3, 197
	pace for Federal or State office use	<u> </u>			
		TITLE		DATE	
	VED BY				

### Other instructions on

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEAR	E DESIGNAT	DIA MOLT	SERIAL NO
17	a Tand	1-1-1-17	

			- Fee Land
	SUNDRY NOT (Do not use this form for propos Use "APPLICA	CES AND REPORTS ON WELLS als to drill or to deepen or plug back to a different reservoir. TION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTER OR TRIPS NAMI
1.	OIL X WELL OTHER		7. UNIT AGREEMENT NAME
	Chevron U.S.A. Inc.		8. FARM OR LEASE NAME Victor C. Brown
	P. O. Box 599, Denver,		9. WELL NO. 1-4A2
4.	LOCATION OF WELL (Report location cl See also space 17 below.) At surface	early and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT Bluebell-Green River
	1336' FSL & 1165' FEL		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  Sec. 4, T1S, R2W
14.	PERMIT NO.	16. Blevations (Show whether DF, RT, OR, etc.)  KB 5974	12. COUNTY OF PARISH 18. STATE Duchesne Utah

### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL	NOTICE OF INTENTION TO:		SUBSEQUENT	REPORT OF:		
FRACTURE TREAT  MULTIPLE COMPLETE  FRACTURE TREATMENT  SHOOT OR ACIDIZE  ABANDON*  REPAIR WELL  CHANGE PLANS  (Other)  (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	MULTIPLE COMPLETE ABANDON*		SHOOTING OR ACIDIZING X  (Other)  (NOTE: Report results of m	ABANDONMENT*	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well\_was perforated, reperforated and acidized as follows:

- 1. MI&RU WO Rig. NU BOPE & test. POOH w/rods & beam pump.
- 2. POOH w/2-7/8" tbg & anchor hold down.
- 3. RIH w/Retr. "D" on 2-7/8" tbg, set below per's at 10,616.
- 4. MI perforating equipment and perforated. See attached.
- 5. RIH w/cast iron bridge plug and set at 10,685. Set Retr. "D" pkr at 10,450.
- 6. MI pumping equipment and acidized. See attached.
- 7. POOH w/2-7/8" tbg & retr. "D" pkr.
- 8. RIH w/2-7/8" tbg & anchor hold down.
- 9. RIH w/beam pump and rods.
- 10. Placed well on production.



3-State 2-USGS 2-Partners 1-JAH

1-Sec. 723 1-File DIVISION OF OIL, GAS & MINING

To additional surface disturbances required tor this designity.

8. I hereby certify that the foregoing is true and correct SIGNED	TITLE Engineering Assistant	DATE Feb. 7, 1	980
(This space for Federal or State office use)  APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE	, . · · ·

WELL NAME: V. Brown 1-4A2

TELD: Bluebell

### COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 2 shots/ft

10,481	10,547	10,612
10,488	10,553	10,615
10,494	10,556	10,634
10,500	10,566	10,637
10,510	10,569	10,642
10,513	10,573	10,647
10,527	10,583	10,655
10,531	10,590	10,669
10,534	10,599	10,674
10,541	10,602	10,679
10,544	10,606	
,	•	

2. Company doing work: Oil Well Perforators

3.\_ Date of work: 11/13/79

4. Additional surface distrubances: None

5. Production after work:

Date	CGOE	MCFD	•	BWPD
12/79	<b>9</b> 6			137

FIELD NAME Bluebell

### COMPLETED TREATMENT PROCEDURE

- 1. Size and type of treatment: 14,000 gal 15% MSR 100 Acid
- 2. Intervals treated: 10,481 10,679
- 3. Treatment down casing or tubing: Tubing
- 4. Methods used to localize effects: Ball sealers and benzoic acid flakes were used as diverting agents.
- 5. Disposal of treating fluid: Spent acid will be swabbed back to flat tank.
- 6. Depth to which well was cleaned out:
- 7. Date of work: 11-13-79
- 8. Company who performed work: Dowell
- 9. Production interval: 10,481 10,679
- 10. Status and production before treatment:

Date	BOPD	MCFD	BWPD
8/79	3		102

11. Status and production after treatment:

Date	BOPD	MCFD	BWPD
12/79	96		137

# Chevron U.S.A. Wells Sold to Proven Properties Inc., P.O. Box 2049, Houston, Texas 77252-2049, Effective December 1, 1985

Entity No.	Well Name
05255	SP-H-U Tribal 2-24Z3
05256	SP-H-U Tribal 4-36Z3
05270	Owen Anderson 1-28A2
05275	Black Jack Ute 1-14-2D
05280	Blue Bench Ute 1
05285	Ute Tribal 1-6B2
05295	Campbell Ute St. 1-7B1
05300	Campbell Ute 1-12B2
05305	Cheney 1-33A2
05306	Cheney #2-33-A2
05320	Duchesne County Snider 1-9C4
05325	Duch Co 1-17C4
05330	Duch Co Tribal U 1
05335	Evans Ute 1-17B3
05336	Evans Ute #2-17-B3
05340	Fortune Ute Fed1-11C5
05345	Freston St 1-8B1
05350	Geritz Mur 1-6C4
05360	Hamblin 1-26A2
05361	Hamblin 2-26-A2
05370	J Robertsn Ute 1-1B1

Entity No.	Well Name
05666	Dillman 2-28A2
05675	C R Ames 1-23A4
05695	St U 1-7B1E
05700	Ute Tribal U 6-7B3
05705	Ute Tribal 1-6B3
05710	Lyn Timothy U 1-10B1
05715	Ute Tribal 9-4B1
05720	E Bennion U 1-25A4
05725	B Hartman U 1-31A3
05730	Ute Tribal 7-24A3
05735	Ute Tribal U 2-12A3
05740	L Boren U 1-24A2
05745	Lamicq-Urty U 3-17A2
05750	L Boren U-6-16A2
05755	L Boren U 3-15A2
05760	Virgil B Mecham U 1
05765	St Unit 2-35A2
05770	Harmston U 1-32A1
05775	WH Blanchard 2-3A2
05780 15 Dw 4	Walker V. Brown #1 (30/6/60)// 4224
05785	Ute Allotted U 1-36Z2
05790	T Horrocks 1-6A1
05795	Joseph Yack U 1-7A1
05800	Curtis Bastian 1-7A1
05805	Chsl-Fly-Dia 1-18A1

Entity No.	Well Name
05375	Rachel Jensen 1-16C5
05385	John 1-3B2
05387	John 2-3-B2
05390	Verl Johnson 1
05400	Lamicq 1-20A2
05405	J Lamicq St. 1-6B-1
05410	L Rbrtsn St 1-1B2
05412	Lamicq-Robertson State #2-1-B2
05415	Lamicq Ute 1-5B2
05425	McElprang 1-31A1
05430	Marguerite Ute 1-8B2
05435	May Ute Fed 1-13B1
05440	Moon Tribal 1-30C4
05450	Mortensen 1-32A2
05452	Mortensen 2-32-A2
05455	Phillips Ute 1-3C5
05460	Reese Estate 1-10B2
05465	Robertson 1-29A2
05470	Robertson Ute 1-2-B2
05472	Robertson Ute 2-2-B2
05475	Rbrtsn Ute St 1-12B1
05480	Saleratus W/U 1-7C5
05485	Shrine Hsptl 1-10C5
05490	Smith Albert 1-8C5
05495	Smith Albert 2-8C5

`	
Entity No.	Well Name
05500	Smith Broadhead 1-9C5
05505	Smith David Ute 1-6C5
05510	Smith Joseph 1-17C5
05515	Smith Ute 1-18C5
05520	St Lnd Brd Ute 1-35A1
05525	Taylor Maurel 1
05530	Todd USA St 1-2B1
05535	Tomlinson Fed 1
05540	Unta Ouray Trbl 1-1A3
05545	Urrutz 1-34A2
05550	Ut St Fed 1-24B1
05555	Ut St L/B 1-11B1
05560	Ute 1-2A3
05565	Ute 1-2C5
05575	Ute 1-4A3
05580	Ute 1-5C5
05585	Ute 1-10A3
05590	Ute 1-20Z2
05605	Ute Tribal 1-13B3
05610	Ute Tribal 1-21Z2
05620	Ute County 1-20C4
05645	Voda Jsphine 1-19C5
05650	Voda Jsphine 2-19C5
05655	Voda Ute 1-4C5
05665	Woodward Fed 1-21A2

.

•		
	Entity No.	Well Name
	05810	State 3-18A1
	05815	R G Dye U-1-29A1
	05820	Summerell E U 1-30A1
	05825	L L Pack 1-33A1
	05835	Mobilute Trbl 11-6A2
	05836	Ute Tribal #2-7A2
	05840	Doug Brown 1-4A2
	05845	Lamicq-Urty U 4-5A2
	05850	Mobil-Ute Trl 1-7A2
	05855	Lamicq-Urty 2-A2
	05860	Ut St U 1-10A2
	05865	Sprgfld M/B/U 1-10A2
	05870	L Boren U 2-11A2
	05875	Norman Knd/ U 1-12A2
	05876	Clyde Murray 1 (2-2C)
	05877	Blanchard Fee 1-3A2
	05878	Utah State 1
	05880	Olsen U 1-12A2
	05885	Fly/Dia 1 Boren 1 (2-14C)
	05890	Ute Tribal 3-18A2
	05895	Ute Tribal 4-19A2
	05900	L Boren U 5-22A2
	05905	L Boren U 4-23A2
	05910	Ute Tribal 5-30A2
	05915	Ute Allotted 2-18A3

Entity No.	Well Name
05920	P. Bekstd U 1-30A3
05925	Ute Tribal 10-13A4
05930	Karl Shisler U 1-3B1
05935	C. B. Hatch 1-5B1
05940	Norling St. U 1-9B1
05945	H.G. Coltharp 1-15B1
05950	George Murray 1-16B1
05960	E.H. Buzz U 1-11B2
05965	D.L. Galloway 1-14B2
05970	State Pickup 1-6B1E
05975	Mobil-Lami. Ur 1-8A2
09895	Rachel Jensen 2-16C5

•

\*



WEIVEL

- 5/12 0 19<sub>43</sub>

KENNETH R. HUDDLESTON President

January 13, 1986

DIVISION OF U.

Division of Oil, Gas and Mining State of Utah 3 Triad Center, Suite 350 355 West North Temple Salt Lake City, Utah 84180-1203

Pe: Change of Operator Bluebell-Altamont Fields,

Duchesne and Uintah Counties, Utah

Gentlemen:

Heretofore on December 26, 1985, Chevron U.S.A. Inc. advised you concerning properties sold by Chevron U.S.A. to Proven Properties, Inc. and informed you by telephone of change of operator with respect thereto.

This will confirm the advice given to you by Chevron U.S.A. Inc. Attached hereto is the same list of wells furnished to you by Chevron U.S.A. which is marked Exhibit "A" and by this reference made a part hereof. Proven Properties, Inc. is now the operator of the wells described in the attached schedule, however, Pennzoil Company will be operating said properties as agent for Proven Properties, Inc.

We will promptly report to you in writing any change of address and any termination of our operator's authority including any designation of a new operator. However, the designation of Proven Properties, Inc. as operator shall remain in full force and effect until and unless a new designation of operator is filed in accordance with the Utah statutes and the rules and regulations and rules of practice and procedure of the Division of Oil, Gas and Mining of the State of Utah.

If there are any additional reports or any additional information which you would wish to have, kindly call Kevin Cunningham at 713-546-8768.

Yours very truly,

THE BOND IS UNDER THE PENNZOIL

NAME, AND THEREFORE PENNZOIL IS

SHOWN AS OPERATOR ON UDOGM

RECORDS.

PROVEN PROPERTIES, INC.

2000 - 25-86

Kenneth R. Huddleston, President

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING



070327

10 -

DIVISIO	ON OF OIL, GAS, AND MI	NING	5. LEASE DESIGNATION Fee Land	
(De not use this form for propos Use "APPLICA	ICES AND REPORTS ( lala to drill or to deepen or plug I trion for PERMIT—" for such p	ON WELLS back to a different reservoir.	6. IF INDIAN, ALLOTT	SE OR TRIBE NAME
OIL GAS OTHER	Temporary Abandoned		7. UNIT AGREEMBNT I	S MAI
<u></u>	on and Production Com	pany	Victor C. Bro	
P. O. Drawer 1139,	Denver, CO 80201-113	9	9. WELL NO. 1-4A2	
4. LOCATION OF WELL (Report location of See also space 17 below.) At surface	early and in accordance with any	State requirements.	Bluebell-Wasa	
1336' FSL & 1165' F	FEL		NESE Section 4, T1	<b>A</b>
43-013-30011	18. SLEVATIONS (Show whether of KB 5974)	P. RT. GR. eta.)	Duchesne	Utah
16. Check Ap	propriate Box To Indicate N	lature of Notice, Report, or (	•	
FRACTURE TREAT	PULL OR ALTER CASING  AULTIPLE COMPLETE  ABANDON*  CHANGE PLANS	WATER SHUT-OFF PRACTURE TREATMENT SHOUTING OR ACIDIZING WE I Name	REPAIRING ALTERING ABANDONME Thange of multiple completion letion Report and Log for	ENT* X
17. DESCRIBE PROPOSED OR COMPLETED OPE proposed work. If well is directionent to this work.) *	RATIONS (Clearly state all pertinen naily drilled, give subsurface local	t details, and give pertinent dates tions and measured and true vertic	including estimated da al depths for all marker	te of starting any rs and zones perti-

This well is named: Victor C. Brown Unit FEE #1 (4-4C). Pennzoil would like to change the well name to:

Victor C. Brown 1-4A2



DIVISION OF OIL. GAS & MINING

BIGNED William Juna	<u>District Drilling Superintendent</u>	DATE 6-26-86
(This space for Federal or State office use)  APPROVED BY CURDALL, 'S OF APPROVAL, IF ANY:	TITLE	DATE

### PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

August 19, 1986



State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL. GAS & MINING

Re: APD to Deepen

Victor C. Brown No. 1-4A2 NESE, Section 4, T1S, R2W Duchesne County, Utah

#### Gentlemen:

Three (3) original copies of captioned APD with attachments are enclosed for your review and I trust your approval. Pennzoil Company requests that this APD and all related information submitted on this well be held confidential for that period of time as permitted by regulations and law.

Should there be any question, please contact the undersigned.

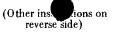
Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

Wilburn L. Luna

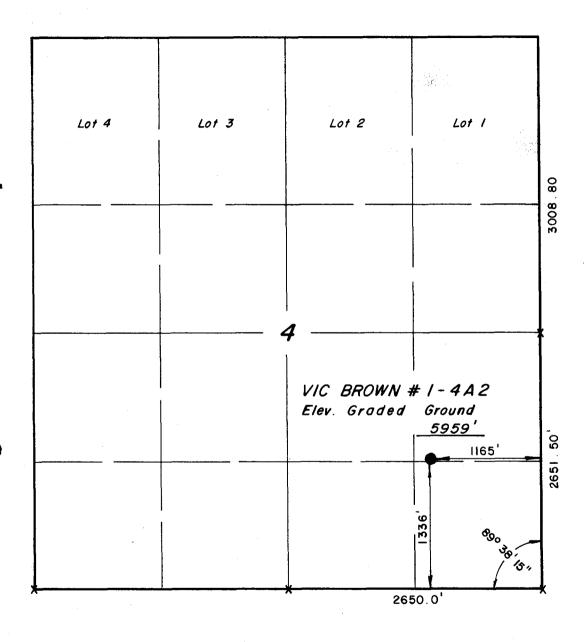
District Drilling Superintendent

WLL/cfd Enclosures



DEPARTMENT OF NATURAL RESOURCES 5. Lease Designation and Serial No. **DIVISION OF** Fee land 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT la. Type of Work 7. Unit Agreement Name DRILL [ DEEPEN X PLUG BACK b. Type of Well 8. Farm or Lease Name Oil 📉 Single Zone Multiple Zone Gas Well Victor C. Brown 2. Name of Operator 9. Well No. Pennzoil Exploration and Production Company 1 - 4A23. Address of Operator 10. Field and Pool, or Wildcat P. O. Drawer 1139, Denver, CO 80201-1139 Bluebell - Wasatch 4. Location of Well (Report location clearly and in accordance with any State requirements.\*) 11. Sec., T., R., M., or Blk. and Survey or Area NESE 1336' FSL & 1165' FEL started proposed prod. zone Sec. 4, T1S, R2W 12. County or Parrish 13. State 14. Distance in miles and direction from nearest town or post office\* 4.5 miles west - southwest of Neola Duchesne Utah 15. Distance from proposed\*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any) 17. No. of acres assigned 16. No. of acres in lease to this well 1165' FEL 640 20. Rotary or cable tools Distance from proposed location<sup>a</sup> to nearest well, drilling, completed, or applied for, on this lease, ft. 19. Proposed depth 3075'± 17,000' rotary 21. Elevations (Show whether DF, RT, GR, etc.) 22. Approx. date work will start\* 5959' GR 23. PROPOSED CASING AND CEMENTING PROGRAM Setting Depth Quantity of Cement Size of Hole Size of Casing Weight per Foot 10 3/4" 519' 525 sks 23 & 29 11,434' \_ 525 sks The above casing is in the ground. The following casing is to be set: 200 ft<sup>3</sup> 6" 5" 11,200'/17,000' 18# The following enclosures are a part of this APD: В. Certified Location Plat. Re-entry - drilling plan 3. BOP schematic. Map showing roadway to wellsite. Schematics of: Rig layout on wellsite. Cross-sections of wellsite C. Water hauling permit #86-43-37 Duane Hall Trucking, Inc., is on file with the State of Utah. An AFE has been prepared and a copy will be sent to joint working interest holders for their approval. **DIVISION OF** API #43-013-30011
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present proplice CASA MINING productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true preventer program, if any. (303) 988-3314 24. Office: 832-6060 District Drilling Superintendentate APPROVED BY THE STATE (This space for Federal or State office use) OF UTAH DIVISION OF Approval Date GAS. AND MINING Title Approved by ..... Conditions of approval, if any:

### TIS, R2W, U.S.B.&M.



X = Section Corners Located

#### PROJECT

#### PENNZOIL CO.

Well location, VIC BROWN #1-4A2, located as shown in the SEI/4 Section 4, T1S, R2W, U.S.B.& M. Duchesne County, Utah.

NOTE: Footages shown are from Original Survey.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION Nº 2454
STATE OF UTAH

## UINTAH ENGINEERING & LAND SURVEYING P.O. BOX Q — 85 SOUTH - 200 EAST VERNAL. UTAH - 84078

SCALE		DATE			
1" = 1000		8 / 8 / 86			
PARTY		REFERENCES			
LDT GS	BFW	GLO Plat			
WEATHER		FILE			
Fair & Warm		PENNZOIL			

#### RE-ENTRY PLAN

OPERATOR:

WELL LOCATION:

Pennzoil Company

WELL:

Vic C. Brown No. 1-4A2 1336' FSL & 1165' FEL

NESE Section 4, T1S, R2W Duchesne County, Utah

#### 1. SQUEEZE EXITING PERFORATION:

- A. Perfs: 10,481'-679'
  Squeeze with 300 sks C1 "H" tailored to depth and temperature.
- B. Perfs: 10,694'-724'
  Squeeze with 1,500 sks C1 "H" tailored to depth and temperature.
- C. Perfs: 11,367'-93' Squeeze with 100 sks C1 "H" tailored to depth and temperature
- D. Drill out and test each zone to an equivalent mud weight of 15.5#/gal.
- E. Each zone will be re-squeezed as needed to get the 15.5#/gal equivalent pressure test.

#### DRILLING PLAN

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL FORMATIONS:

```
surface formation .
Duchesne River
                      6,596'
Green River
                      8,598'
MB
                      9,894'
Н
Ι
                     10,204'
                     10,671'
K
                     11,229'
CP90
                     13,472' (transition zone)
TAP Hi
                     13,670'
CP210
                     14,121'
CP232
                     17,000'
Total Depth
```

#### 2. ESTIMATED OIL & WATER DEPTHS:

Water: None anticipated

Green River production: Depleted

Top Wasatch production: oil @ 12,331'

#### 3. PROPOSED CASING PROGRAM:

- A. 18" Conductor pipe set @ 46' w/ 100 sks in 1968.
- B. 10 3/4" casing set and cemented 0 519' in 1968 with 525 sks.
- C. 7", 23 & 29# LT&C casing set and cemented at 11,434' with 525 sks. The casing seat is in the transition zone between the Green River and Wasatch Formations.
- D. 5", 18#, S-95 P-110, flush jt. liner to be set and cemented from 11,200'-17,000'.

  Cement: C1 "G" tailored to depth & temperature.

#### 4. OPERATOR'S PRESSURE CONTROL PLAN:

Figure No. 1 is a schematic of the BOP equipment.

The BOP equipment will be nippled up on the 7" casing and pressure tested prior to drilling out:

- A. All rams and choke manifold will be tested 3000 psi.
- B. Bag preventor will be tested to 2500 psi.

Record all BOP tests on tour reports.

Retest BOP stack every 28 days.

Before drilling out the 7" float equipment the casing will be tested to 2,000 psi.

Fill-up line above the Bag Type Preventor.

Kill line located below the BOP rams.

#### Operational Checks:

Pipe rams will be closed and opened once each 24 hours.

Blind rams will be closed and opened each time the drill string is pulled from the wellbore.

Auxiliary well control and monitoring equipment:

- A. Upper and lower kelly cocks will be utilized.
- B. A full-opening drill pipe stabbing valve with proper drill pipe fittings will be utilized when the kelly is not on the string.
- C. PVT equipment will be used to monitor the mud system.

#### 5. PROPOSED DRILLING FLUID PROGRAM:

- A. Surface hole: Drilled and cased in 1968.
- B. Intermediate hole: Drilled and cased in 1968
- C. For the 6" wellbore (Wasatch productive interval) a weighted, deflocculated mud system will be used. The viscosity and mud weight will be maintained at low but safe levels. The yield point will be high enough to support barite as needed for the required fluid weight. The water loss should be 10-15 cc for formation protection.

  Final fluid properties: 14.5/15.0#, 35 to 50 Vis, YP 12/15.

#### 6. WELLBORE EVALUATION:

- A. DRILL STEM TESTING: None planned.
- B. CORING: None planned.
- C. LOGGING:

Surface Hole: None

Intermediate Hole: None

Wasatch Hole: DIL-GR or DLL-GR

BHC-Sonic CNL-FDC VDL-

D. COMPLETION: The depleted Green River perfs: 10,568'-11,393' overall, will be squeezed off and tested to 2,000 psi

The objective formation is the  $\underline{\text{Wasatch}}$ . Selected zones will be perforated and evaluated for stimulation work.

#### 7. PRESSURES and TEMPERATURE

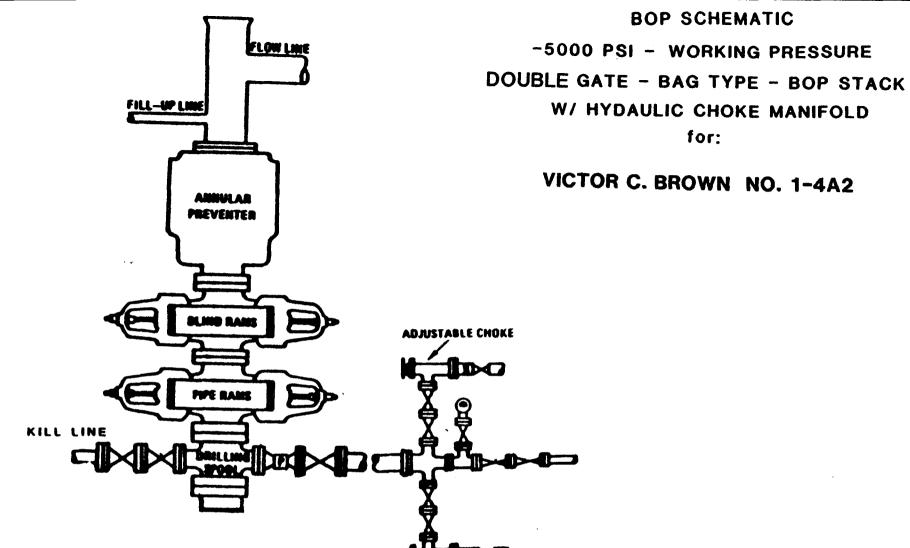
- A. PRESSURE:
  - At the 11,434' intermediate casing seat the mud weight was 9.5# and the formation pressure  $5100\pm$  psi.
  - At total depth (proposed @ 17,000') the mud weight may be 14.0# to 14.3# and formation pressure of 12.150'± psi.
- B. TEMPERATURE:
  - Temperatures are normal for this area and well depth, 240° to 265° at 17,000'.
- 8. ANTICIPATED STARTING DATE

ŧ,

September 15, 1986 or later.

9. This well will be drilled per regulations as set forth by the:

State of Utah Natural Resources Oil, Gas & Mining Division

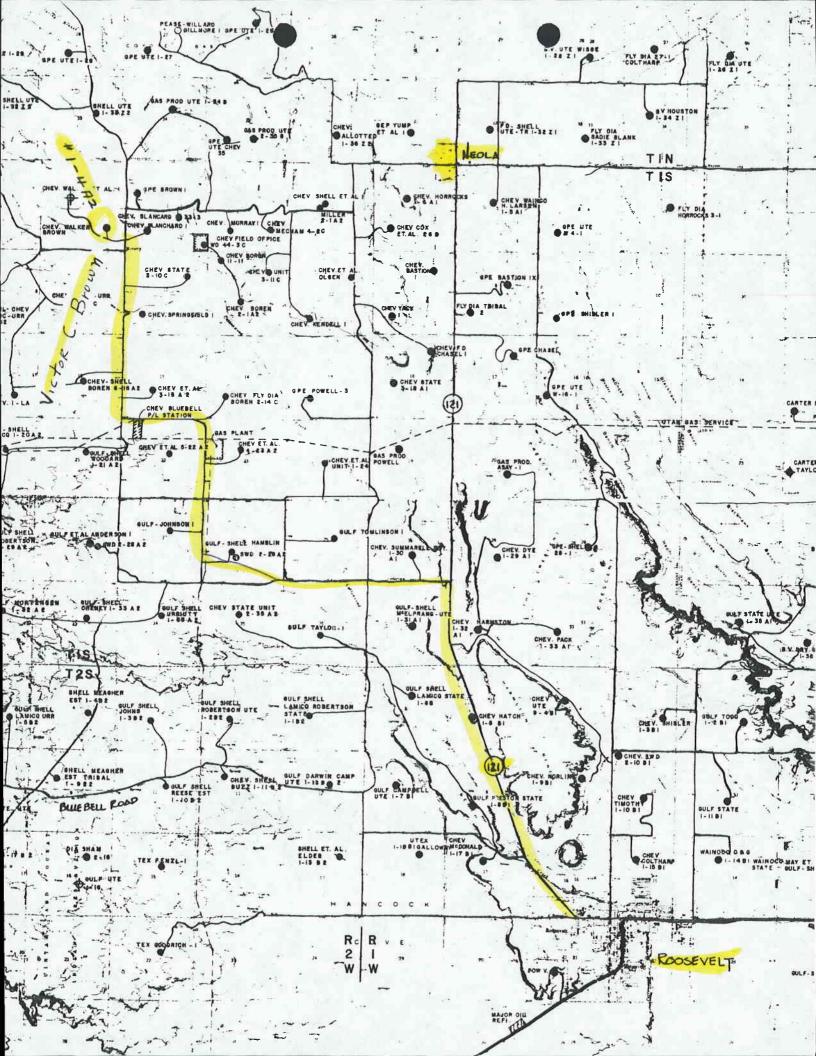


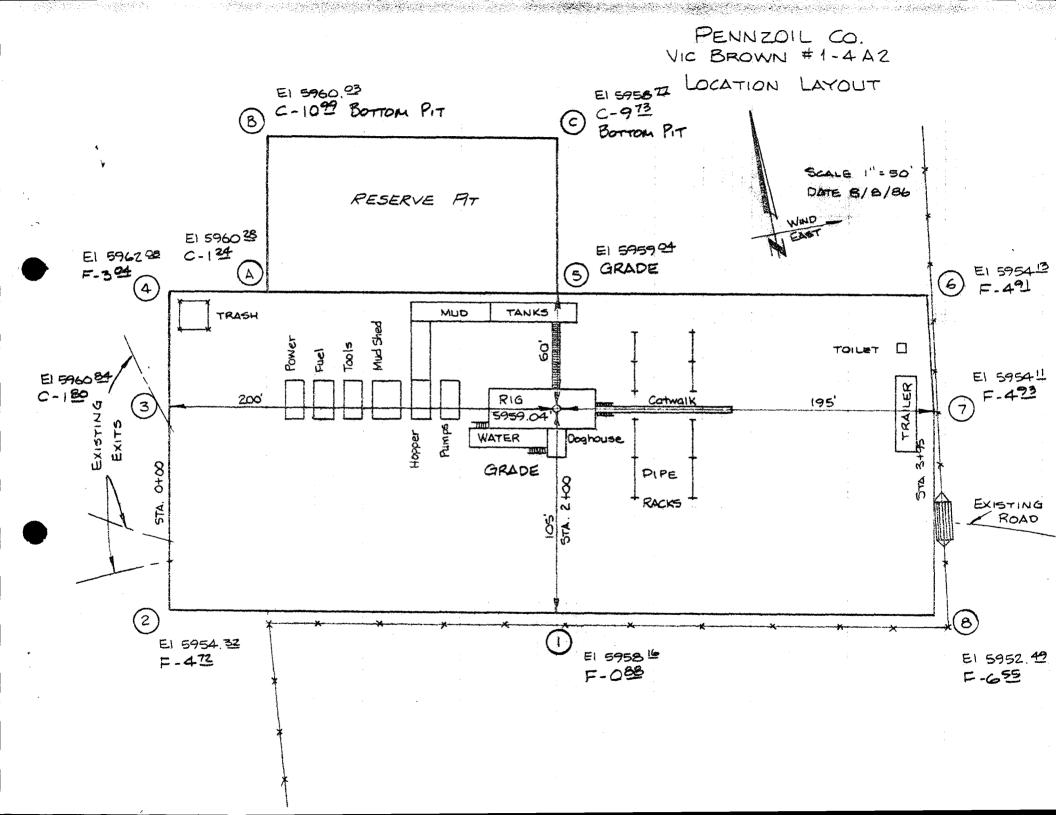
BOP STACK

**CHOKE MANIFOLD** 

**BOP SCHEMATIC** 

for:

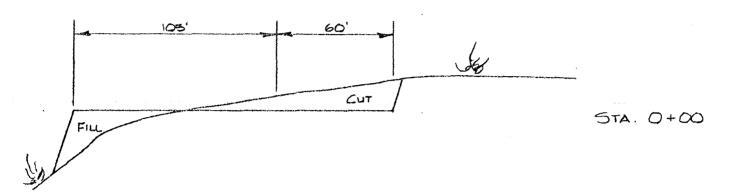


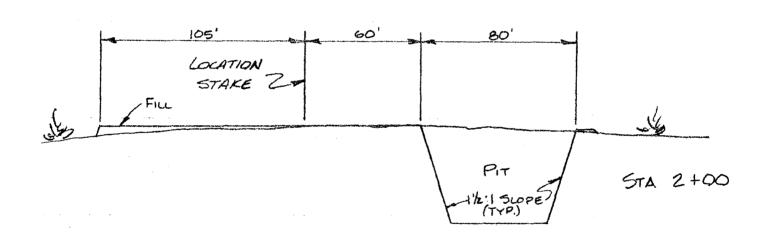


TOTAL YARDAGES

4,931 CU YOS CUT
2,393 CU YOS FILL

PENNZOIL CO.
VIC BROWN # 1-4A2
LOCATION CROSS - SECTIONS





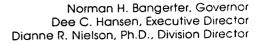
FILL 1/3

STA 3+95

fleepen

# CONFIDENTIAL

OPERATOR Kenngvil	DATE_	8-27-86
WELL NAME Thator G. Brown 1-4A2		
SEC NESE 4 T 15 R 2W C	OUNTY	Ouchione)
43-013-30011 API NUMBER	See TYPE OF L	EASE
CHECK OFF:		
PLAT		NEAREST WELL
LEASE		POTASH OR
PROCESSING COMMENTS:		
Water plemet 86-43-37 (Dua	me Hall	" Sucking)
	·	
		· · · · · · · · · · · · · · · · · · ·
APPROVAL LETTER:		
SPACING: 203 UNIT	3	02
CAUSE NO. & DATE	3	02.1
STIPULATIONS:		
		<del></del>





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 27, 1986

Pennzoil Exploration and Production Company P. O. Drawer 1139 Denver, Colorado 80201-1139

#### Gentlemen:

Re: Well Name: (Re-entry) Victor C. Brown 1-4A2 - NE SE Sec. 4, T. 1S, R. 2W 1336' FSL, 1165' FEL - Duchesne County, Utah

Approval to deepen the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985.

In addition, the following actions are necessary to fully comply with this approval:

- Notification to the Division within 24 hours after drilling operations commence.
- 2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
- Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
- 5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.

Page 2 Pennzoil Exploration and Production Company Well Name: Victory C. Brown 1-4A2 August 27, 1986

> 6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-30011.

Sincerely,

R. Trith

Associate Director, Oil & Gas

as

Enclosures

cc: Branch of Fluid Minerals

D. R. Nielson



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Robert L. Morgan, State Engineer

Eastern Area • State/County Building • 152 E. 100 North • Vernal, UT 84078-2110 • 801-789-3714

August 20, 1986



DIVISION OF OIL. GAS & MINING

Duane Hall Trucking 241 North 850 West

Vernal, Utah 84078

PENNZOIL

RE: Temporary Change 86-43-37

Gentlemen:

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your recrods and future reference.

Sincerely yours,

Robert W. Leake, P. E.

for Robert L. Morgan, P. E.

State Engineer

RLM: RWL/ln

Enclosure

APPLICATION NO	86-43-37
DISTRIBUTION SVSTEX	

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

	Vernal, Ut	ah	Aug.	19 , 19	986
For the purpose of obtaining permission					
of water, the right to the use of which was acqu					
to that hereinafter described, application is her facts, submitted in accordance with the requirem	reby made to the	State Engi	title and date of Decre neer, based upon th		
1. The owner of right or application is. Merle	ne Hall			***************************************	
2. The name of the person making this applicat	tion is Merlen	e Hall (	Duane Hall Tri	ıcking)	
3. The post office address of the applicant is2	41 North 85	0 West,	Vernal, Utah	34078	
PA	ST USE OF	WATER			
4. The flow of water which has been used in sec	ond feet is	.015	••••••		*********
5. The quantity of water which has been used in	n acre feet is				
6. The water has been used each year from	an. 1	to	Dec. 3.	(Day)	, incl.
7. The water has been stored each year from					, incl.
8. The direct source of supply is Unnamed	onth) Spring		(Month) Duchesi	(Day) ne	County
9. The water has been diverted into					
SW Cor, Sec. 3, T1S, R2W, USB&					
NOTE: If for irrigation, give legal subdivisions of land a place and purpose of use.  THE FOLLOWING TE	nd total acreage wi	nich has been i	rrigated. If for other possible ARE PROPOS	urpses, give	
<ol> <li>The now of water to be changed in cubic feet</li> <li>The quantity of water to be changed in acre-f</li> </ol>					
3. The water will be diverted into the Tank T	rucks	ditch at a	point located Eas	st 420 ft	. from
SW Cor. Sec. 3, T1S, R2W, USB&M					
4. The change will be made from August 19 5. The reasons for the change are Q11. Well	, 19 ( Period	98.6, to must not excee	August 19		19.8.7
	••••••				
6. The water involved herein has heretofore bee					
7. The water involved is to be used for the follo Section 4, T1S, R2W, USB&M	(List year wing purpose:	ars change has Drilling	of the V.C. I	Brown 1-4	A2 in
NOTE: If for irrigation, give legal aubdivisions of land t					
·	EXPLANAT		ses, give piace and pull	vose or brobóse	u use.
					· · · · · · · · · · · · · · · · · · ·

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

Signature of Applicant

#### RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50 Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

#### STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

	Change Application No	(Kiver System)
	Application received by Water Commissioner	
	Recommendation of Commissioner	
7-19-86	Recommendation of Commissioner	neer's Office by
•	Fee for filing application, \$7.50 received by	
	Application returned, with letter, to	, for correction.
	Corrected application resubmitted over counter by mail	
	Fee for investigation requested \$	
	Fee for investigation \$, received b	y: Rec. No
	Investigation made by	; Recommendations:
	Fee for giving notice requested \$	
	Fee for giving notice \$, received by	y: Rec. No
	Application approved for advertising by public	ation byail
	Notice published in	
	Notice of pending change application mailed t	
	Change application protested by	(Date Received and Name)
***************************************		
	Hearing set for	, at
	Application recommended for rejection by	
8-20-86	rejected returned to	KWZ
HIS APPLICA	TION IS APPROVED SUBJECT TO TI	
·		LWXL. PE

Robert L. Morgan, P.E. State Engin

יוח	NOTETY	ΩF	NTI.	GΔS	$\Delta ND$	MINING
יוע	ATOTOLA	OI.	UIL	unu	$\Delta m$	TITIATIAC

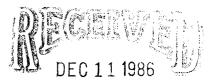
#### RE-ENTRY

<u>2501</u>	DITING TINEORIA	ALTON	API #43-	013-30011
NAME OF COMPANY:	PENNZOIL EXP	LORATION	& PRODUCT	TION CO
WELL NAME:	VICTOR C. BR	OWN 1-4A2	2	
SECTION NE SE 4 TOWNSHIP 19	S RANGE_	2W	COUNTY	Duchesne
DRILLING CONTRACTOR	Loffland			
RIG #60				
SPUDDED: DATE 12-3-86				
TIME 4:00 PM				
HowRotary				
DRILLING WILL COMMENCE	W			
REPORTED BY Joel Murphee				
TELEPHONE # 353-4096				
DATE 12-4-86		SIGNED_	- <del></del>	AS

### PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

December 8, 1986



DIVISION OF OIL. GAS & MINING

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

Re: Operations Report for September, October, November 1986 Victor C. Brown No. 1-4A2 NESE Section 4, T1S, R2W Duchesne County, Utah

#### Gentlemen:

Enclosed please find the original and three (3) copies of your form OGC-1b "SUNDRY NOTICES AND REPORTS ON WELLS" for captioned operations.

Should there be any question, please contact the undersigned at (303) 832-6060.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

Wilburn L. Luna

District Drilling Superintendent

**Enclosures** 

WLL/dds

# DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

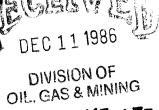


331352

	/ISION OF OIL, GAS, AND		5. LEASE DESIGNATION Fee Land	
SUNDRY N  (Do not use this form for p Use "APE	OTICES AND REPORT TO THE PROPERTY OF LICATION FOR PERMIT—" (or L	IS ON WELLS  plug back to a different recervoir.  such proposals.)	6. IF INDIAN, ALLOTTE	IR OR TRIBE NAME
OIL XX UAB OTE		D) D(C) G/C V/ 12 Pr	7. UNIT AGREEMENT N	AMS
NAME OF OPERATOR			8. FARM OR LEASE NA	MB
Pennzoil Company	<u>ģ</u>	DEC 11 1986	Victor C. Bro	wn
ADDRESS OF OFSEATOR		DLO I I 1001	9. WELL NO.	· · · · · · · · · · · · · · · · · · ·
P. O. Drawer 1139, D		DIVISION OF	1-4A2	
LOCATION OF WELL (Report locat	ion clearly and in accordance with	ADTOMES CHANGE BOARNING	10. FIELD AND POOL, C	A WILDCAT
At surface			Bluebell-Wasa	tch
1336' FSL & 1165' FE	EL		11. sec., T., R., M., GR SURVET OR AREA NESE	BLK. AND
			Sec. 4, TlS,	
. PERMIT NO.	15. SLEVATIONS (Show wheth	her of, RT, GR, etc.)	12. COUNTY OR PARISH	1 -
API #43-013-30011	5959' GR		Duchesne	Utah
Check	Appropriate Box To Indica	te Nature of Natice, Report, or		
NOTICE OF I	HIBRIION TO:	BEBEE	QUENT REPORT OF:	
TEST WATER SEUT-OFF	PULL OR ALTER CASING	WATSE SHUT-OFF	REPAIRING	werr
FRACTURE TREAT	MULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING C	ASING
SHOOT OR ACIDISE	ABANDON®	SHOUTING OR ACIDIZING	ABANUONME	<del></del>
REPAIR WELL	CHANGE PLANS	(Other) Monthly op	erations report	XX
(Other)		(Norz: Report result Completion or Recom	s of multiple completion pletion Report and Log fo	on Well
Squeezed and tested Squeezed and tested Squeezed perfs 11,36 RD well service unit Built location for d	it. roduction equipment. and etc. from wellbours 10,480' to 10,000 perfs 10,694' to 10,000 reins 11,393'.	580' w/ 3,000 psi - OK. 735' w/ 3,000 psi - OK.		
Drilled out last squ		') did not hold pressure ze perfs 11,367' to 11,3		
Drilled out last squ	0 or (801) 353-4397		93'.	-9-86

### DOUBLE "D" ENTERPRISES

B.O.P. Test Report



B.O.P. TEST PERFORMED	ON (DATE) // - 2 (4	- 86	4301330011
	201/		
WELL NAME & NUMBER	Victor Brown	1-4A2	
SECTION			Yer Harth Brown
TOWNSHIP		••••••	at Double D
RANGE Ju		rs9644348487448413348444444	
DRILLING CONTRACTOR.	Loteland & GC	?	
INVOICES BILLED FROM:	DOUBLE "D" ENTERPRISE 213 Pine Street - Box 560 Shoshoni, Wyoming 82649 Phone: (307) 876-2308 or (30		
	DOUBLE "D" ENTERPRISE 608 N. Vernal Ave. Vernal, UT 84078 Phone: (801) 781-0448 or (80	S, INC.	
	Λ		
RIG TOOL PUSHER.	come dietze		
TESTED OUT OF L. C. A.			
NOTIFIED PRIOR TO TEST			
COPIES OF THIS TEST REI		of Aland 6	- mike C. Jeanne
ORIGINAL CHART & TEST	REPORT ON FILE AT:	rnal	OFFICE
ORIGINAL OFFAIT & FLOT			

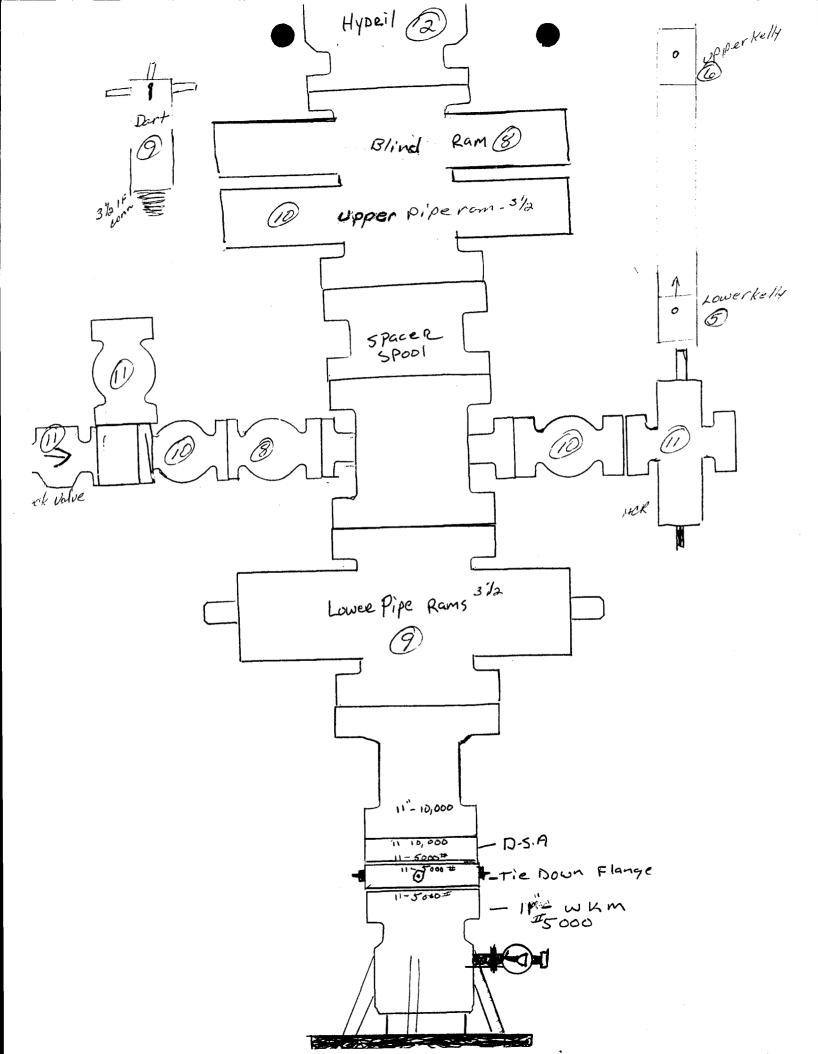


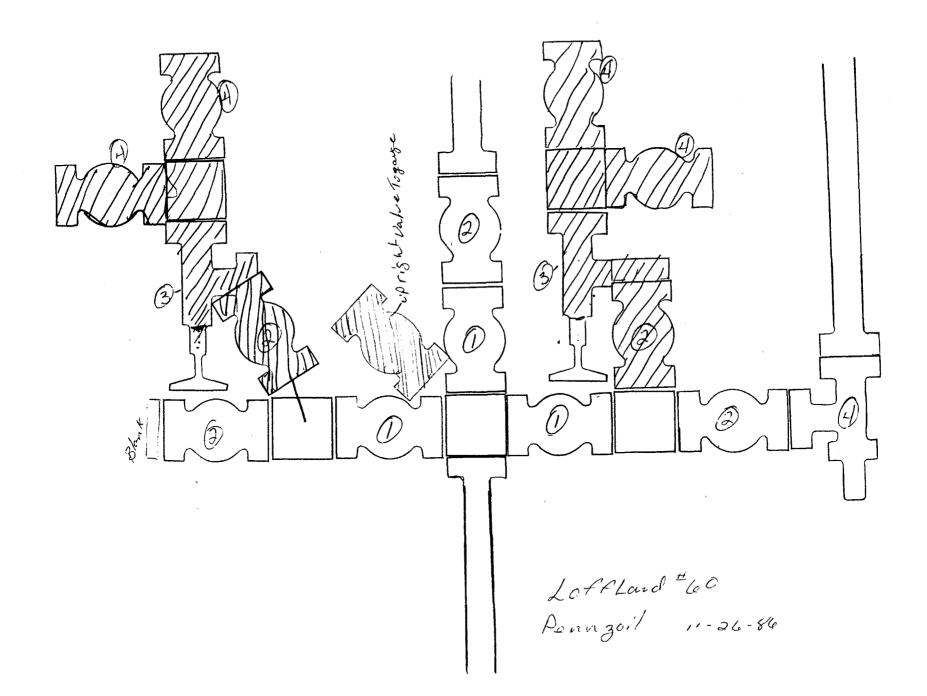
P.O. Box 560 Shoshoni, Wyoming 82649 307-876-2308

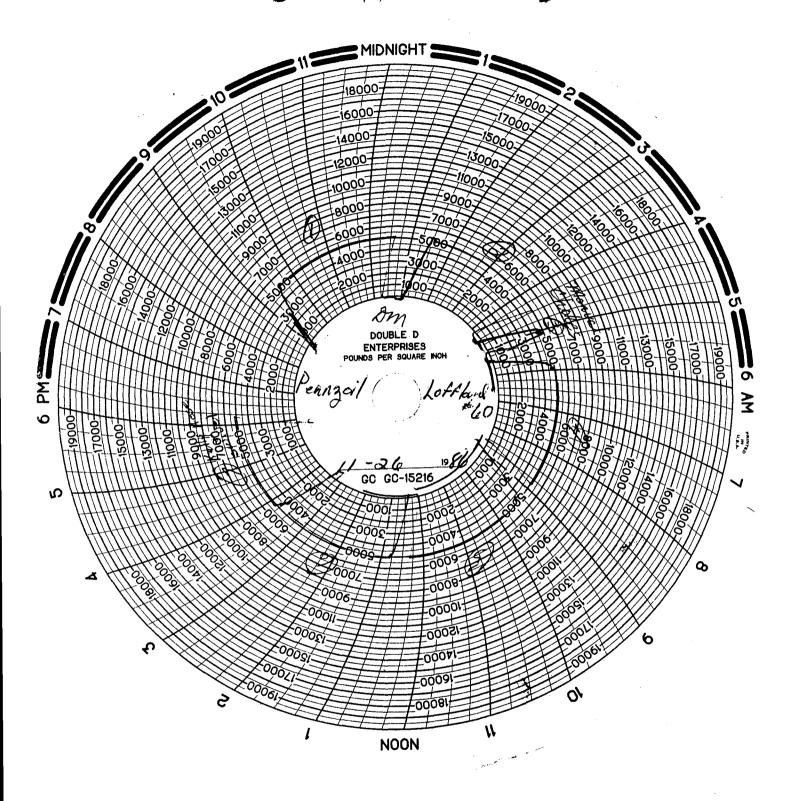
 $N_{\bar{0}}$ 2853

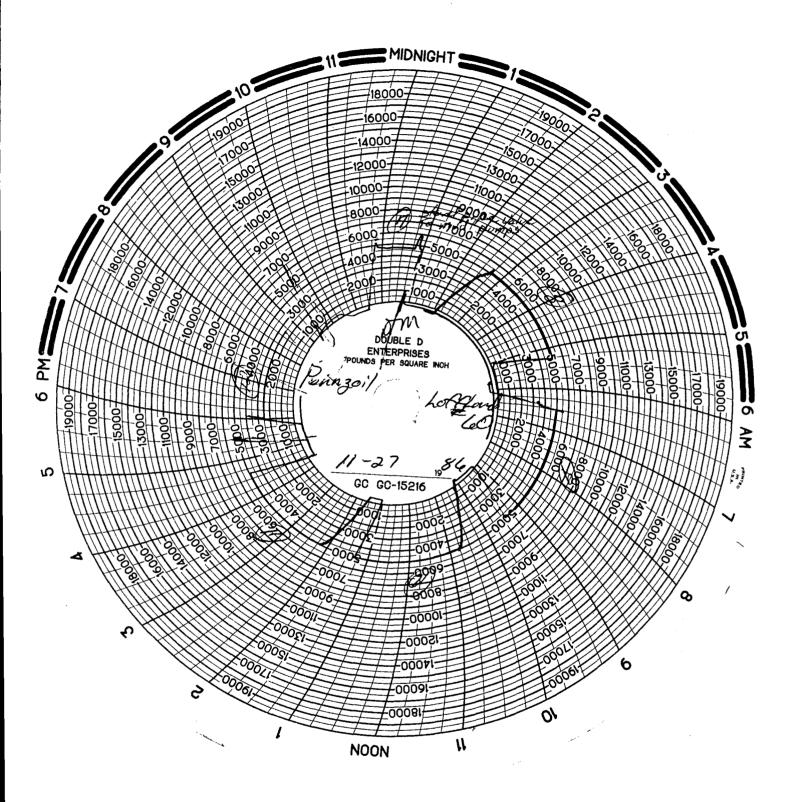
RENTED TO	Pennal	+ Loff	Lond		NO. Le	)
NENTED TO	<i></i>					26-86
OBDEBED BY	mike &	Couse	ΙFA	SF	WELL N	
Rental begins w	hen tools leave our	warehouse and contin	ues until returned t	hereto. Rental da	ay starts at midnigh	t and part day shall
be charged as fu	II day.					
TRANSPORTA	TION TO AND F	ROM JOBSITE	<u>35                                    </u>	ES <u>@ 71.0</u>	prime \$-	n/c
		REVENTER PRESSUR				
_						
Additiona	l eight hours or frac	tion				
Items Test					AD	
		# Csg	•••		**	
,		# Hydril B O P to_s	• • • • • • • • • • • • • • • • • • • •	Kelly Cock	14	
		# Choke Line 5			5000 #	
		# stud pipen	swivel 5000	Pumpmudi	Line 500p	rola
TEST SUBS	-	}			<u>\$</u>	790
OTHER	"Comron	P145				n/e
·						
			1	1 42:	1 -4	
			- G	ob Bu	o ac	
					<del></del>	
		****		<del> </del>	27	
				11		
		¥.				
We Apprec	iate Your Business	orionia. A <del>id</del>			TOTAL.	
Equipment Are Rer tools and other equ juries to any persoi ment, or that may t injuries and/or pro rental charges. Less in as good condition aged beyond repair pald for by the Les transportation char TOOLS AND EQU to the carrier select TERMS: Net following date of in	nted: Lessor exercises religionent rented from Lins or for any damage to be caused by its failure perty damage. Well ce assumes all responsion as it was at the effect will be paid for by the seee. Accrued rental ciges must be borne by IPMENT SHALL REMED by the Lessee.	PRICES SUBJECT TO C recautions to keep its to resort is used at Lessee's so Lessor's property or the during use, and Lessee he onditions which prevent billty for equipment while date of the lease, nat Lessee at the market prinarges cannot be applied the Lessee. Rental begind AIN the sole property All charges are due and charged at the rate of the lease o	ols and other equipme ole risk. Lessee agrees le property of other pereby agrees to hold has satisfactory operation e out of possession of tural wear and tear from the against the purchase lass when equipment le of Lessor. This lease in depayable at the offices. Interest charged	nt in good condition that Lessor shall no bersons that may be compless and indemnifur of equipment do in the Lessor and proming reasonable use the uipment which can cost of reparaves Lessor's yard as made and shall be confice or cost of the paraves Lessor's yard as made and shall be confiled to the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the confiled proming the con	n, but does not to be liable for a caused by any or y Lessor agains not relieve Les ises to return sure of excepted be repaired will hirs of such dan and continues a effective when shoni, Wyomir date of invoice	
Delivered By:		TA STATE	OWNE	IN OR OWNERS K	er negenin	
1)	<b>C</b>	_			<b>(</b> )	

		a consistence of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant of the constant	om one of the second second second second second second second second second second second second second second	٠.
C	OMPANY L	EASE ON WELL NAME	DA OF TEST	RIG # AND NAME
D	27201	•	11-26-86	Lofflond 60
TEST#	777-304/L	arnive at 5:30A	m. nisple up Can	1800 1338 10,000
<u>. " " " " " " " " " " " " " " " " " " " </u>		I shoke manifold Reach	y for fest a 3.30	1211-2-Cacus 2
		10 Black meting 4 TI	y to correct Hy Du-	position tol color tisses
0	Pm	Rig up on man feld x	for testing 15 set	Mean fold Woders + HIN
	3:30 - 3:45-		، کارد جدید نید. شده سال بینها شده شده شده شده شده شده شده شده شده شده	ه مده نوبي شدر هند وجي نيبيه شده هيه وجل وجي هذه ويك نيك نيك نيك وي شده الك
D_		and set manifold while	S	ه همه هما چهر مینه نیس خبان شخه مینه میت خبین بینی سند شیخ شیخ مین
	3:42 - 4:02	5000-0K	-11:1/1/11	matto / Blow out
3	<u> </u>	monual Chaken = not for	Styl-Sea-Lu-L-Co	
<b>(4)</b>	4:10 - 425 -	super shoke - Positive	enal + 3rd set vale	25 DEF Monde Choke's
(4)	i ·	1		
	4:30 - 4:45-	11 bit on accomulator	Repairs toxchooge	Blind + Pperon
		Wait on accomulator Black positions - Blind	rom-Tep "APipe cons	2 ncl 3/2 Roms Bottom
		Pickup suried + Kelly +	tacks for test	ه خده جده حيد هند هند حده حده جيده جده جده احده خدم خيد خيد وي عند الدين
(C)		Lower Kelly Kock		ه سب سب میه میب سب نسب نسب شده چهه می هیو بیش شده شده شده شده نسب شده با
	110 - 125	5-000 - OK	ه چه ده ده در در چه چه چه چه خشاهه دو خشاهه او خشاهه دو خواه خواه در دو پرو	ه چده خده هی هند نکه کند چید کید کند نکه نکه نکه دید کند دید دید در در در در در در در در در در در در در
6		cpper Kelly Kock	: هه دند من هه چه بس اسه نفیجه هم به دو ها ها ها ها ها به ط	ء کلت نہیں متب سے نہیں بہت جو سے بھی جو نہیں میں جو ان اور ان ان ان ان ان ان ان ان ان ان ان ان ان
	1:30 -1:45	5000 -OK		
(2)_		Test stond pipe To pump	SHRELLY HOSE & SULLY	Autor than of mud
	2:00 - 2:10_	5000 ok - our lest is	Steady Pressure - Lines	pouvacie de la comme
		Pumps is horder on Line	at a gold Flour	ecent Dys
(B)		Fill stock with plus in Blind roms (Top) + 1st Kill	1 pace 1	
	L			
(T)	3.35 - 26.20	Bottom Pipe Roses 3/5.		، سه خب ميد شد جب بند مد وي دود بيد بيد بيد وي ديد وي ديد وي ديد س
(72/	3/35 - 450	5000 - OK	و خدة جده حديد وجود حديد حديد خديد حديد حديد المديد الحديد وجود حديد حديد حديد حديد حديد حديد حديد	. مورد میرود و درود میرود این این میرود و درود میرود این این میرود این این این این این این این این این این
(jo)	0.00	upper Pipe roms + and kill	Line Value + 1st chok	e fire label
- ب <i>روز بر</i>	4.58 -5713	5000-0K	ے سے مدن میں بہت میں سے سے سے میں بہت ہیں ہیں ہیں جس سے میں سے میں اسلام	ے مدہ جمع خود منب منب کا تاہم میں منب جمع نہیں ہے۔ ۔
	L	upper Pipe - check do	Jue + HCR	ے شہ عبد نحم برین منت قبین شہر نہیں ہے جب بہت بہان شہر نسب سے بھا نماز ش
	1 5:155:30.	cooc · ok	ت جين جين جين جين جين جين جين جين جين جين	(
(2)		HYDril + upright 2" Us	be to garge on show	C.Wexting
	5.35 - 5.850	2 - 4		
	 	<u>Charges</u>	hoke line + Moni	pooliced Fools
	 	methonal to prevent	FICE SELVELLE	
		The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	rk you Soulle D	" + Dow
	 	ہ فقہ حین شہر جے جود طرف میں بھی خود رہیں ہوتے میں نمو خود انہیں جون نمو خود انہوں جود انہوں خود میں میں	ت خدن اسم بدخر هی هدن دمن میش باید شده شده شده شده شده شده شده شده بخدم بدخر باید برس برش به کار هذه سال بدخر شده شده موسوعی بست شده کرد. در در در در در در در در در در در در در	
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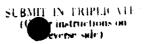


# DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUBJECTION
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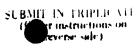
DIVISION OF OIL, GAS, AND MINING			Fee Land		
SUNDRY (Do not use this form f	NOTICES AND	REPORTS Of deepen or plug ba	N WELLS ck to a different reservoir.	6. IF INDIAN, ALLOTTES O	R TRIVE NAME
OR TO UAS		1/10		7. UNIT AGREEMENT HAME	ì
2. NAME OF OPERATOR	otus:			8. FARM OR LEASE NAME	
Pennzoil Co	mpany			Victor C. Brow	ın
P. O. Box 1139, D	enver, CO 802	01-1139	JAN 08 1987	1-4A2	
4. LOCATION OF WELL (Report		cordance with any S	tate fegiglementa.	10. FIELD AND POOL, OR V	
At surface		C	IL. GAS & NINING	Bluebell-Wasat	
1336' FSL	& 1165 FEL		,	NESE	
				Sec. 4, T1S, R2	W STATS
AP 43-013-30011		s (Show whether or.	NT, GR. etc.)	Duchesne	IIT
					<u></u>
		x to indicate No	iture of Notice, Report	, of Other Data	
	OF INTENTION TO:			REPAIRING WE	
FRACTURE TREAT	PULL OR ALTER (		WATER SHUT-OFF PRACTURE TREATMENT	4.	
SHOOT OR ACIDISE	ABANDON*		SMOUTING OR ACIDISIN	y Operations	` <del> </del>
REPAIR WELL	CHANGE PLANS			results of multiple completion on recompletion Report and Log form.	Well A
(Other)	ETED OPERATIONS (Clear)	y state all pertinent		dates, including estimated date overtical depths for all markers as	f starting and
•	g. seat @ 11,43		squeeze & retest	ed perfs OK eat to 14.5#/gal equi	valent
3. Drilled form 11	,449' to 13,665	' @ report t	ime on 1-1-87.		
4. Mud properties 11.3#/gal, 44 V					
					•
				`	
			•		
			• ,		
(303) 832-6060	regoing is true and corr		rict lin <u>g Superintende</u>	nt DATE Jan 5	1986
Wilburn		TITLE			
(This space for Federal or	State office use)				
APPROVED BY	ME IP ANT	_ TITLE		DATE	

# DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING



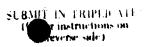
SUNDRY NOTICES AND REPORTS ON WELLS				Fee Land	Fee Land  6. IF INDIAN, ALLOTTED OR TRIBE NAME	
Vie not use this form	for proposals to drill or to	s deepen or plug be MIT—" for such pr	ack to a different reservoir.			
OTL GAS GAS GAS	OTHER	2.63	and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th	T. UNIT MESSMERT	MAME	
Pennzoil				8. FARM OR LEASE !		
3. ADDRESS OF OPERATOR	Company			Victor C.	3rown	
P. O. Box 1139,	Denver, CO 8020	01-1139	" JAN 08 1937 🕗	1-4A2		
4. LOCATION OF WELL (Report See also space 17 below.) At surface	t location clearly and in acc	ordance with any	Ita ta paguirom en ta.	10. FIELD AND FOOL	='	
		,	DIL GAS & NINING	11. SSC., T., B., M., O SURVET OR AS		
1336. FSI	_ & 1165 FEL		- 1,2	NESE		
14. PERMIT NO.	IL REVATIONS	(Show whether or,	27, 68, 614.)	Sec. 4. TIS	R2W	
AP 43-013-30011	595	59' GR		Duchesne	UT	
16.	Check Appropriate Box	To Indicate No	sture of Notice, Report, o	r Other Data	•	
NOSSI	CR OF INTENTION TO:		#UD4	INQUINT INFORT OF:		
TEST WATER SEUT-OFF	PULL OR ALTER C.	49184	WATER SRUT-OFF	287AIBIM	<del></del>	
FRACTURE TREAT	MCLTIPLE COMPLI	K78 -	PRACTURE TREATMENT	ALTERING ASANDONA		
SHOOT OR ACIDISS REPAIR WELL	ABANDON*		(Other) monthly	Uperations	X	
(Other)	CHAPGE PLANS		(Nors: Report rest	ilts of multiple completion mpletion Report and Log	a os Well	
2. Drilled from o	sg. seat @ 11,434	l' to 11,449	squeeze & retested '. Tested csg seat ime on 1-1-87.	·	quivalent	
	at report time o Vis, 8.0 W.L., 10					
				`		
			•			
II I bash and the h	foregoing is true and correct	<u> </u>	L			
(303) 832-6060)  SIGNED WILDUMN  (Tale space for Federal	T. Tuna		rict ling Superintendent	batslan	5, 1986	
APPROVED BY		TITLE		DATE		

# DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING



SUNDRY NO (Do not use this form for projugation "APPLI	Fee Land  1. IF INDIAN, ALLOTTES OR TRUE NAME		
OTE O THE OTHER			7. UNIT AGESMENT NAME
Pennzoil Compan	v	JAN 08 1937	Victor C. Brown
L ADDRESS OF OPERATOR	,		8. WELL HO.
P. O. Box 1139, Denve		OR ASAM TOP	1-4A2
i. LOCATION OF WELL (Report location See also space 17 below.) At surface	clearly and in accordance wi	th and state requirementally AVANCE	Bluebell-Wasatch
1336' FSL & 11	65 FEL		11. asc., 2., 8., M., OR BEE. AND SURVEY OR AREA NESE
14. PERMIT NO.	IL SERVATIONS (Show who	ther of, at, ca. etc.)	Sec. 4. TIS. R2W
AP 43-013-30011	5959' GR		Duchesne UT
ie. Check A	Appropriate Box To Indic	ate Nature of Notice, Report, o	or Other Data
NOTICE OF INT	STRONG : OF ROSTRE	903	edgent infort of:
TROT WATER SEUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CASING MULTIPLE COMPLETS ABANDON* CHANGE PLANS		ABANDONMENTO  Uperations  ABANDONMENTO  Uperations  ABANDONMENTO  X  Sults of multiple completion on Well  completion Report and Log form.)
2. Drilled from csg. se mud weight. OK.	eat @ 11,434' to 11		d perfs OK t to 14.5#/gal equivalent
<ul><li>3. Drilled form 11,449</li><li>4. Mud properties at re 11.3#/gal, 44 Vis, 8</li></ul>	eport time on 1-1-8	37.	
		•	
(303) 832-6060	na	District Drilling Superintendent	t
APPROVED BY	TITLE		DATE

### DEPARTMENT OF NATURAL RESOURCES



FAME OF OPPLATED  Pennzoil Company  ADAMS of OPPLATED  P. O. BOX 1139, Denver, CO 80201-1139 JAN 08 180 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	SUNDRY N	OTICES AND REPORTS ON	WELLS	Fee Land	
Pennzoil Company  Appessed or creation P. O. Box 1139, Denver, CO 80201-1139 MA JAN CS 180/ P. O. Box 1139, Denver, CO 80201-1139 MA JAN CS 180/ See also space 17 below.)  1336' FSL 8 1165 FEL  DINTER A UP  1336' FSL 8 1165 FEL  A FARRIT TO.  Check Approphere Box To Indicate Nature of Notice, Report, or Other Data  See 10 along the other process or irrestrate to:  The Company of the process of treatments to:  THE THEORY OF COMPANY OF TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTICE TRACTI	one [7] eve			T. UNIT LORSENSAT	HAMS
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Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  **Notice of Intertainty 19:  **TREET WATER SEUT-OFF			CR. MG.)	12. COUNTY OR PARI	SM 1A. STATE
THE TWITE SECTION INTESTEDS TO:  THE TWITE SECTION THAT  FRACTURE THAT  SHOOT OR ACIDIES  ALTRING CASING  HULLIPLE COMPLETE  SHOOT OR ACIDIES  SHAPPONNE THAT SHAPPONNE OR CUMPLETED OPERATIONS (Clearly star all pertinent details) and give pertinent dates, including relianted date of starting proposed work, if well is directionally dilided give subsurface locations and measured and inner vertical depths for all markers and inner to take work, if well is directionally dilided give subsurface locations and measured and inner vertical depths for all markers and inner mud weight. OK.  1. Resqueezed perfs. 11,367-93'. Drilled out squeeze & retested perfs OK  2. Drilled from csg. seat @ 11,434' to 11,449'. Tested csg seat to 14.5#/gal equivaler mud weight. OK.  3. Drilled form 11,449' to 13,665' @ report time on 1-1-87.  4. Mud properties at report time on 1-1-87.  11.3#/gal, 44 Vis, 8.0 W.L., 10.2 P.H.  12. Livray worthy has the foregoing is true and correct  Signay 832-60600  Water services resulting services and services of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of			4.1.		<u> </u>
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3. Drilled form 11,449' to 13,665' @ report time on 1-1-87.  4. Mud properties at report time on 1-1-87.  11.3#/gal, 44 Vis, 8.0 W.L., 10.2 P.H.  12. A lense or the foregoing is true and correct (303) 832-6060	PRACTURE TREAT  SHOOT OR ACIDISE  REPAIR WELL  (Other)  7. DESCRIBE TRIPPARD OR COMPLETED  Proposed work. If well is dir  nent to this work.)  1. Resqueezed perfs.  2. Drilled from csg.	MULTIPLE COMPLETS ABANDON® CHANGE PLANS  OPERATIONS (Clearly state nil pertinent derectionally drilled, give subsurface locations  11,367-931. Drilled out s	PRACTURE TREATMENT  REQUIRE OR ACIDIZING  (Other) MONTH   Up  (Norg: Report results  ('outpletion or Recompletion or Recomplet	ALTERING ABANDONA erations of multiple completio sition Report and Log laciuding estimated d depths for all mark erfs OK	casine (serre  a sa Weil (orm.)  ate of starting an ers and zones pert
Wilburn J. Luna	4. Mud properties at	report time on 1-1-87.	e on 1-1-87.		
Wilburn L. Luna		no to true and account Diana.		`	
	SIGNED AUTHOR	www com		DATSlar	5, 1986
(This space for Federal or State office use)	Wilburn				

#### PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

February 6,1987



State of UTAH, Dept. of Natural Resource Division of Oil, Gas and mining 355 West North Temple 3 Triad Center, Suite 350 521+ Lake City, UT. 84180-1203

DIVISION OF OIL, GAS & MINING

Re. January 1987 Operations report. Victor C. Brown No. 1-4AZ NESE Section 4, TIS, RZW Duchesne County, UTAH

Gentle men:

Enclosed places find the original and three (3) copies of your Form OGC-16"SUNDRY NOTICES & REPORTS ON WELLS" for Captioned openations.

Should there be any questions, flease contact the undersigned at (801) 353-4397.

Sincerely,

Penngoil Company William J. Leena

Wilburn L. Lyna

enclosures.

## DOUBLE "D" ENTERPRISES

B.O.P. Test Report



DIVISION OF OIL, GAS & MINING

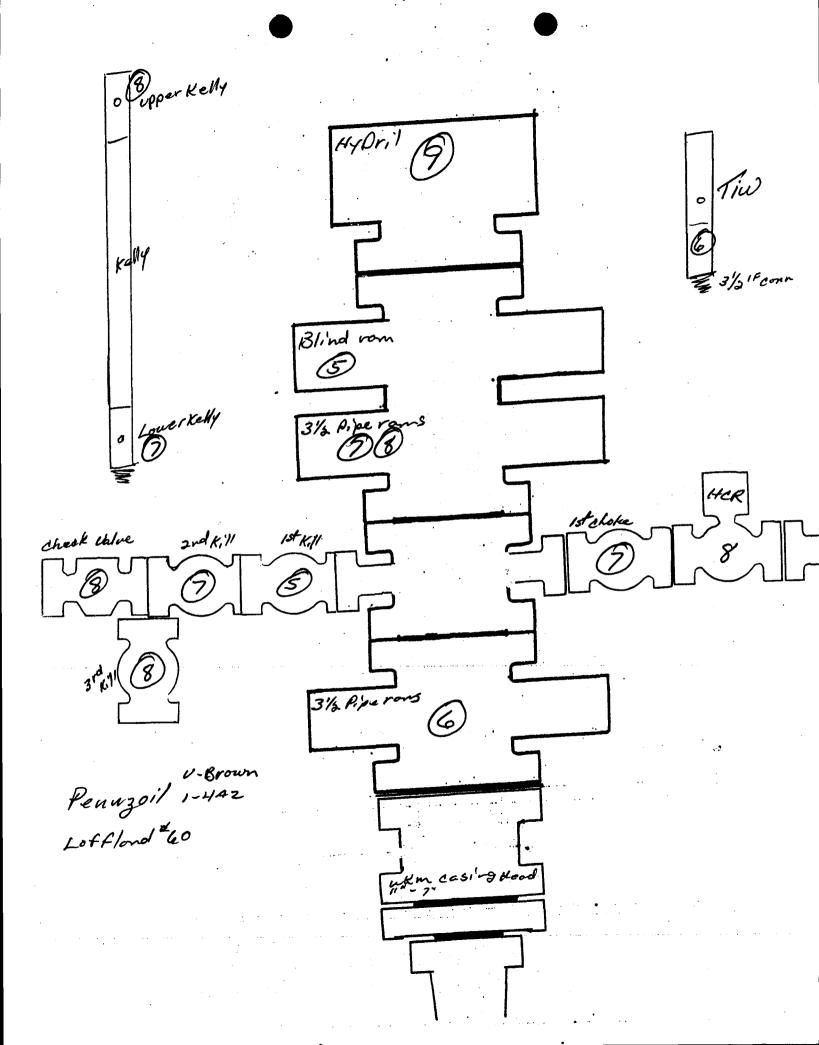
B.O.P. TEST PERFORMED	ON (DATE)/a -	9 - 86	
OIL CO.: Penn	2011		
WELL NAME & NUMBER	U-Brown 1-	412	43.013.30011
SECTION		******************	
TOWNSHIP		***************************************	
COUNTY Duale & sees			
DRILLING CONTRACTOR	Loffland &	<i>(</i> 0	
OIL CO. SITE REPRESENTA	213 Pine Street - Box 56 Shoshoni, Wyoming 826 Phone: (307) 876-2308 or  DOUBLE "D" ENTERPR 712 Morse Lee Street Evanston, Wyoming 829 Phone: (307) 789-9213 or	0 649 (307) 876-2234 ISES, INC. 930 (307) 789-9214	CONFIDENTIAL
RIG TOOL PUSHER	rome Dietz		
TESTED OUT OF	rnal		
NOTIFIED PRIOR TO TEST:		***************************************	
COPIES OF THIS TEST REF	PORT SENT COPIES TO:	Pannzon Lot Dond	7
		State	
ORIGINAL CHART & TEST F	REPORT ON FILE AT:	Leonal	OFFICE

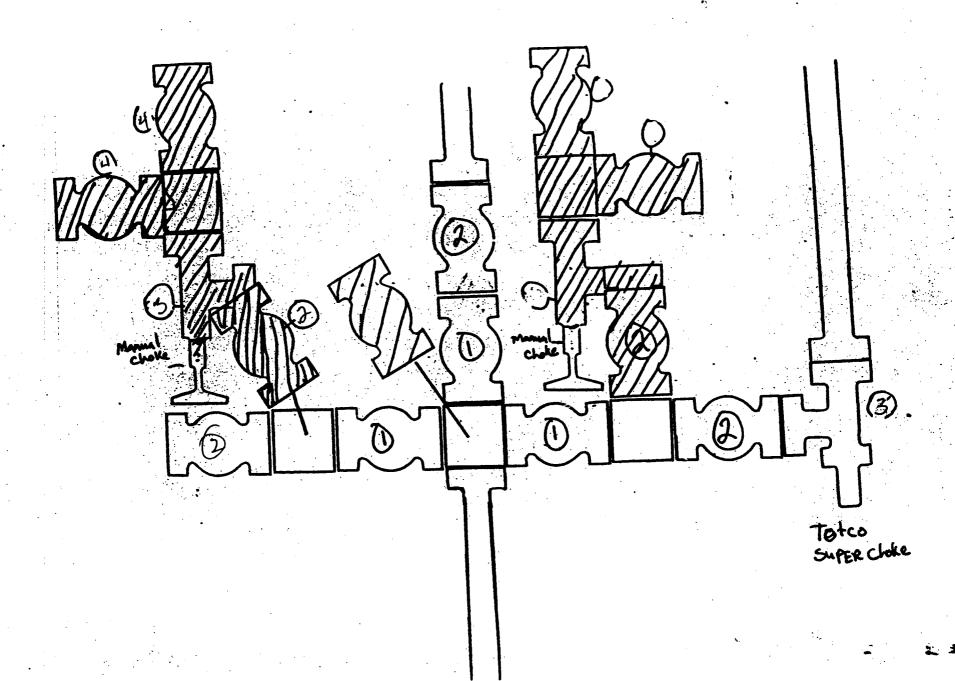
## P.O. Box 560 Shoshoni, Wyoming 82649 307-876-2308

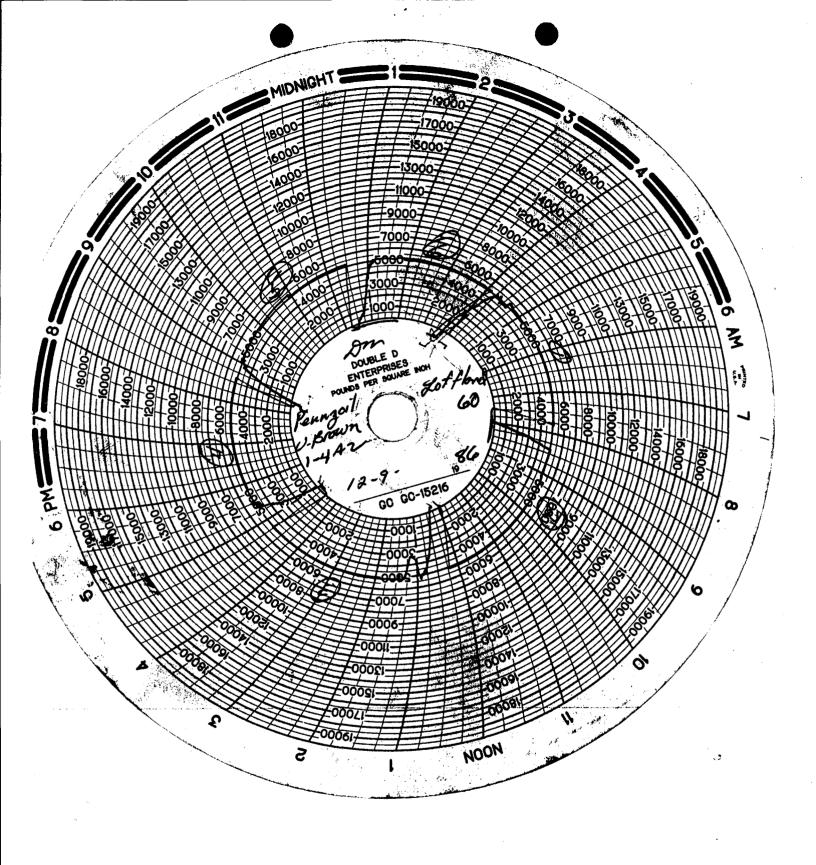
DELIVERY TICKET 4191

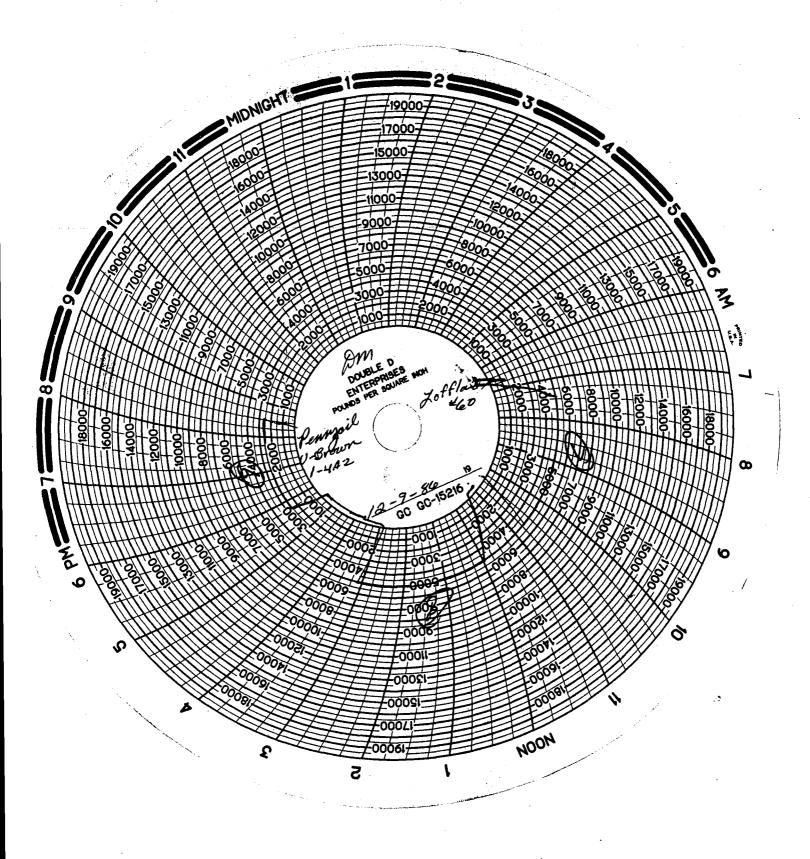
Operator Panny	gail	Cor	ntractor <u>Loz</u>	E Glorad K	Bros.	Rig No	
Ordered By Paul	Deaton	Lease	V- Brow	<u>//1</u>	ll No. ノー	4AZ	
Duckesne		Section	4	_ Township	<u> </u>	Range 8W	
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Top Pipe Rams	-		5000	15 min	_ok		***
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Blind Rams			5000	15 min	ok_		
Annualar B.O.P.			2500	15 min	ak		
Choke Manifold			5000	_ Bria_	ak_		<del></del>
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Additional Charge					<del> </del>		
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Signature of Compar	у кер. <u></u>	`					
DOT-001				Section .		•	

mp	9ny	Dease and Well Name # Date of test	- Rig to
ennz		V-Brown 1-442 12-9-86	60
*	TIME	arrive on Location @ 3:00 Am Fill with	woter
		+ Rigup Chake manified	
0		1st set manifold dalves + HCK	
	3:50 AM - 4:05-	5000 - OK	
2		and set manifold values	
	1.'08 - 4.'23	5000-0K	
3		Super chake + (Pitside Door Imonual Chake	e)
- 1	430 - 4:45	5000-0k (Lost 2000 psi in 5 mi	
(F)	·	manual dede (U-dom side.)	
	1.50 - 5.05	5000 -OK	
		wait on Rig T. off p. v Jut D. p.	pull as
		Sleave - set plug + Fill Stack	
3		Blind rams + 1st Will Walne	·
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6		Lower Pipe roms + Tiw	<u> </u>
	:20 - 6:35	5000 - OK	
2		upper Piperons - Lower Kelly Kock 2nd Kill +	1st shokel
	16:50 -7:05	5000 -OK	
8		upper Pine roms - upperkelly Kack - Check Val	ve-3rdKil
		Line dalve + KCR	
	7:10 - 7:25	5000 - OK	<u>,,</u>
9		HyDril + upright Pressure gauge chalue o	n monfal
7	130 - 7:45	2500 - OK	
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		Pick of Tool + make out taket	
		Thoughter	
		V	









Rood

## DOUBLE "D" ENTERPRISES DECE

B.O.P. Test Report



DIVISION OF OIL. GAS & MINING

B.O.P. TEST PERFORMED				
OIL CO.: Denn,	301			
OIL CO.:	V-Brown	412	43.013.30	2011
SECTION -				
TOWNSHIP		,	,	***************************************
RANGE 2.W		••••••		***************************************
COUNTY Duahes				
DRILLING CONTRACTOR.	Loffland =	60		
INVOICES BILLED FROM:	DOUBLE "D" ENTERPI 213 Pine Street - Box 50 Shoshoni, Wyoming 82 Phone: (307) 876-2308 of	60 2649		
	DOUBLE "D" ENTERPE 712 Morse Lee Street Evanston, Wyoming 82 Phone: (307) 789-9213 o	2930 r (307) 789-9214		
OIL CO. SITE REPRESENTA				
RIG TOOL PUSHER	rome Dicty	••••••		
TESTED OUT OF	*			
NOTIFIED PRIOR TO TEST:				
COPIES OF THIS TEST REP	ORT SENT COPIES TO:	Pasanzoit.	•••••	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Loff Lloud	***************************************	***************************************
	•	State		,
		***************************************		
ORIGINAL CHART & TEST F	REPORT ON FILE AT:	Vernaf	•••••	OFFICE

## DEPARTMENT OF NATURAL RESOURCES



020106

DIVISIO	ON OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND BERIAL NO.  Fee Land
SUNDRY NOTI	CES AND REPORTS ON WELLS tils to drill or to deepen or plug back to a different FION FOR PERMIT—" for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL WELL OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR  Pennagil  3. ADDRESS OF OPERATOR	Company	8. FARN OR LEASE NAME  Victor C Brown  9. WELL NO.
//	,	4
P.O. Box 290 7/4. LOCATION OF WELL (Report location cluster also space 17 below.)	Peolo, IT 84053  Parly and in accordance with any State requirement	10. FIELD AND POOL, OR WILDCAT
At surface		Bluebell -Wasatch
/33	36 FSL & 1165 FEL	11. ABC., T., R., M., OR BLK. AND BURNEY OR ARBA NIESE
		Sec. 4, TIS, RZW  12. COUNTY OB PARISH 18. STATE
14. PERKIT NO.	15. BLEVATIONS (Show whether DF, RT, GR, etc.)	
API 43-013-30011	5959 GR	Duchesne UT.
16. Check Ap	propriate Box To Indicate Nature of Notic	•
NOTICE OF INTENT	10H 20:	AUBARQUENT ARFORT OF:
TEST WATER SHUT-OFF	ULL OR ALTER CASING WATER SH	
		TREATMENT ALTERING CASING OR ACIDIZING ABANDONMENT®
	(0)	monthly operations X
(Other)		z: Report results of multiple completion on Well pletion or Recompletion Report and Log form.)
-Drilled 2 6" w. From 13, 665' to -Drilling Fluid p	rellbore, with diamond bits 16, 023' at report time oraperties were: 13.3#,	46 Vis, 8.8 W.L.
	majoe problems on the	RECEIVED FEB 09 1987
		DIVISION OF OIL, GAS & MINING
office shone: (90 15. I hereby certiff that the foregoing is  signed Wilburn b. 1	1) 353-4397  true and correct  L. Lemostitle Drilling Super	cintendent DATE Feb. 6,1997
(This space for Federal or State off	e use)	
APPROVED BY	NT:	DATE

## STATE OF UTAH



	MENT OF NATURAL RESOURCES ON OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO.
		Fee Land 6. IF INDIAN, ALLOTTER OR TRIBE NAME
SUNDRY NOT	CES AND REPORTS ON WELLS als to drill or to deepen or plug back to a different reservoir.	6. IF INDIAN, ALLUTTER OR TELEP
OIL OAS		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR		S. FARM OR LEASE NAME
Pennavil	I man Daniel	Victor C Brown
3. ADDRESS OF OPPRATOR	Campung	1
P.O. Box 290 7.	early and in accordance with any State requirements.	1-4AZ
204 TIRO SDECE I ( DEIOM')	early and in accordance with any State requirements.	10. FIELD AND POOL, OR WILDCAT
At surface		Bluebell -Wasatch
/3:	36'FSL & 1165' FEL	NESE
14. PERMIT NO.	15. BLEVATIONS (Show whether DF, RT, GR, etc.)	Sec. 4, TIS, RZW
API 43-013-30011	5959 GR	Duchesne UT.
		_
Check Ap	propriate Box To Indicate Nature of Notice, Report,	•
NOTICE OF INTEN	FION TO:	BESQUENT ASPORT OF:
TEST WATER SEUT-OFF	PULL OR ALTER CASING WATER SHUT-OFF	REFAIRING WELL
PRACTURE TREAT	AULTIPLE COMPLETE PRACTURE TREATMENT	ALTERING CASING
<del>  </del>	ABANDON® SHOUTING OR ACIDIZING  (Other) Man+1	ABANDONMENTO
	Money Depost P	esults of multiple completion on Well completion Report and Log form.)
(Other)	RATIONS (Clearly state all pertinent details, and give pertinent smally drilled, give subsurface locations and measured and true to	deres including estimated date of starting any
- Drilling Fluid	rellbore, with diamond dits on a control of 16,023' at report time on 2 or properties were: 13.3#,46Vis, major problems on this we	, 8.8 W,L.
	R	FEB 0 9 1987
	,	DIVISION OF OIL. GAS & MINING
office phone: (80	01) 35'3 - 4397 a true and correct	1 / 11 / 207
SIGNED WILLIAM L. L	L. Lunotitle Drilling Superintend	<u>dent</u> DATE <u>Feb. 6,1997</u>
(This space for Federal or State off	ce use)	
APPROVED BY	TITLE	DATE
COMPAN. 'S OF APPROVAL, IF A	INY:	

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUL GAS AND MINING



DIVISIO	CES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NO.  Fee Land  6. IF INDIAN, ALLOTTES OR TRIBE NAME
(Do not use this form for propose Use "APPLICA"	ls to drill or to deepen or plug back to a different reser FION FOR PERMIT—" for such proposals.)	T. UNIT AGREEMENT NAME
OIL WELL OTHER  NAME OF OPERATOR		8. FARM OR LEASE NAME
Pennal Of See also space 17 below.)  P.O. Box 290 7/4. Location of well (Report location closes also space 17 below.)  At surface	Company  Colo, IT 84053  early and in accordance with any State requirements.  36'FSL & 1165' FEL	Victor C- Brown  9. WELL NO.  1-4A2  10. FIELD AND POOL, OR WILDCAT  Bluebell - Wasatch  11. SEC., I., E., M., OR BLK. AND SURVEY OR AREA  NESE
14. PERMIT NO.  ADT 117 (2) 2 2 2 2 4 4 4	15. SLEVATIONS (Show whether DF, RT, GR, etc.)	Sec. 4, TIS, RZW  12. COUNTY OF PARISH 18. STATE  Duchesne UT.
10. Check Apr	<u> </u>	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
NOTICE OF INTENT		BUBBBQUBNT REPORT OF:
PRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction nent to this work.)  -Drilled 2 6" water of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete o	ULTIPLE COMPLETE  BANDON*  BANGE PLANS  ATIONS (Clearly state all pertinent details, and give pertails drilled, give subsurface locations and measured and learned	ABANDONMENT  ABANDONMENT  ABANDONMENT  ABANDONMENT  APPLY OF A TIONS  Y  port results of multiple completion on Well  ior Recompletion Report and Log form.)  inent dates, including estimated date of starting any true vertical depths for all markers and zones perti-  2 downhole amotor,  2-1-87,  VIS, 8.8 W.L.
		PEGELV FEB 0 9 1987  DIVISION OF OIL, GAS & MINING
office phone: (80	1) 353 - 4397 true and correct	
	מאט	tendent DATE Feb. 6,1987
(This space for Federal or State office APPROVED BY	TITLE	DATE

FORMATION AND DEPTH OF SHOW INTERVAL: WASATCH fm. INTERVAL 11,635'-11,640'
AVERAGE DRILL RATE BEFORE BREAK:  6 min/ft AVERAGE DRILL RATE DURING BREAK: 2-3 min/ft
SAMPLE DESCRIPTION (lithology, type and degree of porosity, evidence of fracturing, fluorescence, cuts):
SH: 80% Orange red-brn brk-red scat gray&green-gray hackly mottled
silty in part silty in part pred. clayey-colloidal limy matrix
in part siliceous&arenaceous in part. SS: 20% Pred light orange
stained fine-coarse grained unconsolidated. FRACTURE porosity, fresh frac. surfaces-oil lined-in shale. 99% bri yel flor,
imm-flash stmg cut thru-dk brn ring. Sample contained 99%
paraffin oil.
paratiti orc.
GAS INFORMATION:       Before Max After         Depth (feet) 11,634 11,638 11,658       ———————————————————————————————————
Minor torque increase, 2X+ drill rate increase, immediate gas
increase over background. Paraffinm to surface
CORRELATION W/CONTROL WELL:  FEB 18 1987
DIVISION OF
OIL, GAS & MINING
RECOMMENDED PACKER SEAT:

						11,710-11	2110
AVERAG		ATE BEFORE ATE DURING			7	min/ft min/ft	
SAMPLE	DESCRIPT	ION (litho fract	logy, ty uring, f	pe and d luoresce	egree of	f porosity	, evidence of
							nt calc fl
							Cuts pred
		wh halo di			LOP W/ V	TST Dri y	el-wh stmg
					on f-c	ar shrd	ip, ang ip,
		uncon thr				gi , soi u	ipy ung ipy
	,						
							***************************************
				<del> </del>	·	·····	
			<del></del>		······································	·····	
GAS INF	ORMATION:	BEFORE	DURING	AFTER			
De	pth (feet	:) <u>480</u>	3600	840			
C1 C2 C3 1C	tal (unit (ppm) (ppm) (ppm) (ppm) 4 (ppm)	16,720 -2400 -1600 	12,000				
Ne Ra	t Increas tio (Pk:B	e (units) G)	3120u 7.5 :	1_	:		
OTHER C	OMMENTS (	e.g tord in mud sys	uing of tem):	bit, sp	ikey dri	ll time or	gas, changes
<del></del>							, rough drillin
							paraffin to
	surface(	99% of sa	mple dur	ing show	interva	1)	
CORRELA	TION W/CO No firm co	NTROL WELL orrelation	to offs	et as ye	t.		

GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC5 Increase (units) 132 39 39 Ratio (Pk:BG) 23 : 1 6.5 : 1 6.5 : 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	FORMATION AND DEPTH OF SHOW INTERVAL: WASATCH fm. 12518'-24'.12.526'-28' .12531'-32'
Sandstone:20% Op-fros clr-glas ip f-m gr tr c gr sbang-sbrd tr ang fri- v tt h wld ip sil-lmy cmt m-p srt lse qtz grs uncon  Shale:70% Brk red red-brn incr lt orng tan sft lmy&cly slty ip blky- plty dns-brit frm abnt calc fl fracs occ calc fl w/ imbdd ss grstr vis frac mica ip Gray Sh:10% m gy tan gn-gy splty frm thnly bdd  wxy sl dol ip 2% Bri yel spty flor,pred contaminated cut, light gasse w/ flash cut-bri yel-wh mlky cut  GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 72 C3 (ppm) 288 72 72 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC5 (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data,i.e. by type of show (dry gas only) or depth	
fri- v tt h wld ip sil-lmy cmt m-p srt lse qtz grs uncon  Shale:70% Brk red red-brn incr lt orng tan sft lmy&cly slty ip blky- plty dns-brit frm abnt calc fl fracs occ calc fl w/ imbdd ss grstr  vis frac mica ip Gray Sh:10% m gy tan gn-gy splty frm thnly bdd  wxy sl dol ip 2% Bri yel spty flor,pred contaminated cut, light gasse  w/ flash cut-bri yel-wh mlky cut  GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12  C1 (ppm) 91 1768 91 530 91 546 130  C2 (ppm) 288 72 72 18  C3 (ppm) 48 24 24  IC4 (ppm)  NC4 (ppm)  NC4 (ppm)  Net Increase (units) 132 39 39 Ratio (Pk:BG) 23 : 1 6.5: 1 6.5: 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CCORRELATION W/CONTROL WELL: NO correlation to any available offset data,i.e. by type of show (dry gas only) or depth	SAMPLE DESCRIPTION (lithology, type and degree of porosity, evidence of fracturing, fluorescence, cuts):
Shale:70% Brk red red-brn incr lt orng tan sft lmy&cly slty ip blky— plty dns-brit frm abnt cale fl fracs occ cale fl w/ imbdd ss grstr vis frac mica ip Gray Sh:10% m gy tan gn-gy splty frm thnly bdd  wxy sl dol ip 2% Bri yel spty flor,pred contaminated cut, light gasse w/ flash cut-bri yel-wh mlky cut  GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,520' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC5 (e.g. torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity— med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas onl*) or depth	Sandskone: 20% Op-fros clr-glas ip f-m gr tr c gr sbang-sbrd tr ang
plty dns-brit frm abnt calc fl fracs occ calc fl w/ imbdd ss grstr vis frac mica ip Gray Sh:10% m gy tan gn-gy splty frm thnly bdd  wxy sl dol ip 2% Bri yel spty flor,pred contaminated cut, light gasse w/ flash cut-bri yel-wh mlky cut  GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC5 (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity- med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	fri- v tt h wld ip sil-lmy cmt m-p srt lse qtz grs uncon
Vis frac mica ip Gray Sh:10% m gy tan gn-gy splty frm thnly bdd   wxy sl dol ip	Shale:70% Brk red red-brn incr lt orng tan sft lmy&cly slty ip blky-
## St. dol ip	plty dns-brit frm abnt calc fl fracs occ calc fl w/ imbdd ss grstr
GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm) NC5 Increase (units) 132 39 39 Ratio (Pk:BG) 23 : 1 6.5 : 1 6.5 : 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	
GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm)  NC4 (ppm)  Net Increase (units) 132 39 39 Ratio (Pk:BG) 23 : 1 6.5 : 1 6.5 : 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	wxy sl dol ip 2% Bri yel spty flor, pred contaminated cut, light gasse
GAS INFORMATION:  BKGRD MAX BKGRD MAX BKGRD MAX BKGRD AFTER  Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) NC4 (ppm)  Net Increase (units) 132 39 39 Ratio (Pk:BG) 23 : 1 6.5 : 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show	w/ flash cut-bri yel-wh mlky cut
Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) Net Increase (units) 132 39 39 Ratio (Pk:BG) 23 : 1 6.5 : 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	
Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'  Total (units) 6 138 6 45 6 45 12 C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm) Net Increase (units) 132 39 39 Ratio (Pk:BG) 23 : 1 6.5 : 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	
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Total (units) 6	BKGRD MAX BKGRD MAX BKGRD AFTER
C1 (ppm) 91 1768 91 530 91 546 130 C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24 IC4 (ppm) NC4 (ppm) NC4 (ppm)  Net Increase (units) 132 39 39 Ratio (Pk:BG) 23: 1 6.5: 1 6.5: 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	Depth (feet) 12,510' 12,520' 12,510' 12,528 12,510' 12,532' 12,538'
C2 (ppm) 288 72 72 18 C3 (ppm) 48 24 24  1C4 (ppm)  NC4 (ppm)  Net Increase (units) 132 39 39  Ratio (Pk:BG) 23: 1 6.5: 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL:  NO correlation to any available offset data,i.e. by type of show (dry gas only) or depth	
C3 (ppm) 1C4 (ppm) NC4 (ppm)  Net Increase (units) 132 39 39 Ratio (Pk:BG) 23: 1 6.5: 1 6.5: 1  OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. Lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	, pp/
NC4 (ppm)  Net Increase (units) 132 39 39	C3 (ppm) 48 24 24
OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL:  NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	
OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL:  NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	Not Inches (units) 132 39 39
in mud system):  Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity- med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL: No correlation to any available offset data, i.e. by type of show (dry gas only) or depth	
med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.  CORRELATION W/CONTROL WELL:  NO correlation to any available offset data, i.e. by type of show  (dry gas only) or depth	
CORRELATION W/CONTROL WELL:  NO correlation to any available offset data, i.e. by type of show  (dry gas only) or depth	Mud WT during show In 11.4/Out 11.5. Resevoir-red shale. Porosity-
NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	med. lrg open fracs. Dry gas-no vis liquid hydrocarbons.
NO correlation to any available offset data, i.e. by type of show (dry gas only) or depth	
(dry gas only) or depth	·
RECOMMENDED PACKER SEAT:	cuty gas oncer or depth
	RECOMMENDED PACKER SEAT:

Approx. Cant. SW& Sec. 12	Total Oil Sales Less Recovered Oil Net Oil Sales 13,877.24 ( 99.00) 13,778.24
Approx. Cent. SEk Sec. 4	IS 2W Chevron-Walker-Victor C. Brown Unit #1 (4-4C)  Total Oil Sales 11,191.00 Less Recovered Oil (149.00) Net Oil Sales 11,042.00
Approx. Cent. SWZ Sec. 12	Total Oil Sales Less Recovered Oil Net Oil Sales 14,826.73 ( 100.00) 14,726.73
Approx. Cent. SE½ Sec. 4	1S 2W Chevron-Walker-Victor C. Brown Unit #1 (4-4C)  Total Oil Sales Less Recovered Oil (50.00) Net Oil Sales 9,352.05
Approx. Cent. SW% Sec. 12	1S 2W Chevron-Hiko Bell-Norman Kendall Unit #1 (2-12C)  Total Oil Sales 13,344.67  Less Recovered Oil Net Oil Sales 13,344.67
Approx. Cent. SE% Sec. 4	1S 2W Chevron-Walker-Victor C. Brown Unit #1 (4-4C)  Total Oil Sales 5,658.73 Less Recovered Oil ( 434.00) Net Oil Sales 5,224.73

FORMATION AND DEPTH OF SHOW INTERVAL: Wasatch fm. 12,897'-12,906'
AVERAGE DRILL RATE BEFORE BREAK: 8-9 min/ft AVERAGE DRILL RATE DURING BREAK: 7-9 min/ft
SAMPLE DESCRIPTION (lithology, type and degree of porosity, evidence of fracturing, fluorescence, cuts):
SHALE 70% red & red-brn blky hkly ip dns aren w/ scat c imbdd ss g
abnt calc lined-rr calc fl fracs no vis 6, cut, or stn rr dul-m b
yel-wh flor(mnrl) 10%gn gn-gy wxy dns splty-plty cly ip 10% SS or
wh glauc stn ip pred vf f gr w srt sbang cln m cmt w/ pred calc
- tr sil tt hd occ gtzc no <b>ó</b>
GAS INFORMATION:  Depth (feet) 12,894° 12,902° 12,912,  Total (units) 22 425 280 C1 (ppm) 338 4784 2964 C2 (ppm) 72 828 468 C3 (ppm) 12 192 144 1C4 (ppm) NC4 (ppm) 100  Net Increase (units) 403 Ratio (Pk:BG) 19: 1 : : :
OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):
No torque indicated, no cut, flour, or stain. Very poor-trace
fracture porosity. No oil over shaker, poor dry gas show.
CORRELATION W/CONTROL WELL:  No correlation to control well(s).
RECOMMENDED PACKER SEAT:

FORMATION DEPTH OF		RVAL: wa	isatch 13	<u> 147-13</u>	3,148			
AVERAGE D					-8 2+	min/fi min/fi		
SAMPLE DE	SCRIPTION		ogy, type ring, fluo				y, evide	nce of
_ 7	O% SHALE	part dk	red-brn v	sdy &	aren lm	y mtx ip	dns-v f	<u>rm abn</u> t
	calc line	d & fld	fracs_abnt	t lse m	nri cal	c mo flo	r_cut_st	ain. or
	increase	<u>in oil o</u>	ver shaker	Part	orange-	v cly &	col v lm	<u> </u>
	mrly 20%	Gn shal	e gn& gngy	/ wxy i	p dns-s	dy G slty	y ip glad	uc tr
			ic ip 10%			clr f-m	gr m-p	srt
	pred p-m	cmt/calc	fri arg m	ntx no	vis Ø		**************************************	
			•				<del></del>	
							······································	
CAC THEODS	• 48 T T ON •							
GAS INFORM	В	EFORE MA						
Depth	(feet) <u>1</u>	3,146'	<u>13.148' 13</u>	164				
Total C1 (p C2 (p C3 (p 1C4 ( NC4 (	pm) pm) ppm)	190 1872 324 144 0	3,350 23,920 5,040 960 0	240 2184 360 144 0				
	ncrease ( (Pk:BG)		3,160 17.6: _1	<u> </u>				
OTHER COMM	ENTS (e.g	torqu mud syst	uing of bi tem):	t, spi	key dril	ll time o	or gas,	changes
High	ı torque	indicated	d by drill	8 gua	ge, frac	ture por	osity ir	
samp	oles, poo	r-fair di	ry gas sho	w in s	hale fra	ctures.		
	······································						<del></del>	
CORRELATIO	•		: ^_litholog	ic cor	relation	to cont	rol or c	offset
well								-
#600				<u></u>		· · · · · · · · · · · · · · · · · · ·		
RECOMMENDE	D PACKER	SEAT:						
*********		<u> </u>			<u></u>			<del></del>

FORMATION AND DEPTH OF SHOW INTERVAL: 13,732'-13,733' WASATCH fm.
AVERAGE DRILL RATE BEFORE BREAK: 9-10 min/ft AVERAGE DRILL RATE DURING BREAK: 6.5 min/ft
SAMPLE DESCRIPTION (lithology, type and degree of porosity, evidence of fracturing, fluorescence, cuts):
SHALE: 95% gy & gy-qn blky-plty-splty pred dns-frm amorph text
sl-m lmy thru tr dk carb mot rr sdy-slty NSFOC
SANDSTONE: less than 1% clr gy brn f gr w srt p-m cmt w/ calc t
SHALE: tr red blky sdy slty lmy aren pos cvgs
•
GAS INFORMATION: BEFORE MAX AFTER
Depth (feet) 13,730 13,733' 13,742'
Total (units) 72 3,800 2,150
C1 (ppm) 475 26.500 19.500
C2 (ppm) 60 6,000 3,000. C3 (ppm) 22 3,300 1,760
1C4 (ppm) 0 tr 0
NC4 (ppm) 0 990 330
Net Increase (units) 3,728u
Ratio (Pk:BG) 52: 1 ::
OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, changes in mud system):
No torquing, no indication of fractures in sample. No cut, stain
or flourescence in sample. Noticable increase of black paraffin
oil over shaker. Mud weight at time of show 11.5-11.6
CORRELATION W/CONTROL WELL:  No firm correlation to offsets.
MO 111M COLLECTION CO 0112672"
RECOMMENDED PACKER SEAT:
RESOURCED I MOREN SEATT.

	TION AND OF SHOW INTERVAL: WASATCH fm. Tap Hi zone 14,116'-1	4,117'
AVERAGE AVERAGE	GE DRILL RATE BEFORE BREAK: 12-15 min/ft GE DRILL RATE DURING BREAK: 19 min/ft	
SAMPLE	E DESCRIPTION (lithology, type and degree of porosity, e fracturing, fluorescence, cuts):	vidence of
	100% SH: Lt-dk qy tr qy-qn tr qy-blk splty-plty v wxy- frm abnt cly & bent tr xl text & v lmy non-calc i	
	flor or cut. Visible frac surfaces.	
	Cuttings gas TG=6units, C1-nc2=0	
	FORMATION:  BEFORE MAX AFTER  epth (feet) 14,116 14,118 14,120 1	
C1 C2 C3 1C	otal (units)       3000       10,000+       3400         1 (ppm)       11,500       73,250       13,500         2 (ppm)       1,650       10,500       1,650         3 (ppm)       1,100       5,500       1,100         C4 (ppm)       0       240       0         C4 (ppm)       1,650       1,300       1,650	
Ne <sup>s</sup> Ra	et Increase (units) <u>7000</u> atio (Pk:BG) <u>3.33</u> : <u>1</u> :	·
OTHER CO	COMMENTS (e.g torquing of bit, spikey drill time or go in mud system):	as, changes
	No torquing noticed by driller or indicated by rig geolo	
	No cut, flourescence or stain. Increase in gas bubbles	in opposum
t	belly, slight increase in oil over shaker and in mud.	
CORRELAT	ATION W/CONTROL WELL: No corresponding show or gas increase in control well.	
RECOMME!	ENDED PACKER SEAT:	

FORMATION AND DEPTH OF SHOW INTERVAL: Wasatch 1	_683! <b>-</b> 14_689	1	
AVERAGE DRILL RATE BEFORE BREAK: AVERAGE DRILL RATE DURING BREAK:	13-20 12-7	min/ft min/ft	
SAMPLE DESCRIPTION (lithology, typ fracturing, fl	e and degree uorescence, d	of porosity, evuts):	idence of
20% SS pred lt gy tr s&p y			
wk calc cmt fri-hd tt	pt op-wh clr	-fros m-c gr lse	e uncons
qtz ang-sbrd			<del></del>
80% SH lt-m gy gybrn tr gr dns-blky tr mica vsl-		•	
frac		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	<del></del>	•	
			·
•		<del></del>	
GAS INFORMATION: Backgr. High			
Depth (feet) 14.682' 14.684'	14,690'		
Total (units) 2,400 5,200 C1 (ppm) 20,000 23,300 C2 (ppm) 5,100 9,600 C3 (ppm) 2,500 5,400 1C4 (ppm) 440 1,300 NC4 (ppm) 1,320 2,600	3,600 22,000 7,500 3,960 880 1,980		
Net Increase (units) 2,800u Ratio (Pk:BG) 2.17: 1		·	-
OTHER COMMENTS (e.g torquing of b in mud system):	it, spikey d	rill time or ga	s, change
No torque on geolograph, N	torque expe	rienced by Dril	ler. No
flor, stn or cut Mud wt Ir	= 12.6, Out=	12.4	
		· · · · · · · · · · · · · · · · · · ·	
CORRELATION W/CONTROL WELL:			
No correlation w/ control	iel I		- " M.F <del>'.</del>
RECOMMENDED PACKER SEAT:			<del></del>
	· //		

FORMATION AND DEPTH OF SHOW INTERVAL: Wasatch 14,711-14,715'	
AVERAGE DRILL RATE BEFORE BREAK: 10-19 min/ft AVERAGE DRILL RATE DURING BREAK: 10-14 min/ft	
SAMPLE DESCRIPTION (lithology, type and degree of porosity, fracturing, fluorescence, cuts):	evidence of
40%SS pt clr-fros op wh m-c gr v ang-sbrd uncons	lse qtz p-m
srt pt ltgy s∦p f-vf gr abnt cly cmt wk ca	Lc_cmt_fri-
hd tt sbrd-sbang m-w srt rr glauc	<del></del>
60% SH lt-m gy tr gyblk gybrn ip tr gn brit-s£t hkly-splty dns-blky tr dism micmica vsl-n	•
sbfis ip rr open frac	cate carb-
SBITS IP IT OPEN IT de	<del></del>
GAS INFORMATION: Backgr. High Return High After	
Depth (feet) 14,710 14,711 14,712 14,714 14,718	
Total (units)       2,800       10,000+       3,500       10,000+       3,800         C1 (ppm)       20,680       31,680       22,800       32,560       22,000         C2 (ppm)       5,400       15,300       6,900       15,600       8,400         C3 (ppm)       2,520       12,960       4,680       13,680       3,960         1C4 (ppm)       440       2,200       440       3,080       440         NC4 (ppm)       1,320       2,640       1,320       3,960       1,320	
Net Increase (units) 7200u Ratio (Pk:BG) 3_57: 1 :	
OTHER COMMENTS (e.g torquing of bit, spikey drill time or in mud system):	gas, changes
Mud wt. In=12.7, Out=12.5 No torque by driller o	r geolograph,
No flor, stn, or cut	
CORRELATION W/CONTROL WELL:  No correlation w/ control well	
RECOMMENDED PACKER SEAT:	

FORMATION AND DEPTH OF SHOW INTERVAL: 15,151!-15,152!
AVERAGE DRILL RATE BEFORE BREAK:  11 min/ft AVERAGE DRILL RATE DURING BREAK:  3 min/ft
SAMPLE DESCRIPTION (lithology, type and degree of porosity, evidence of fracturing, fluorescence, cuts):
SH 90%gy pt dk-mgy-gybrn gyblkip splty-plty v hkly brit-sft w abnt calc frac fl & not & lns fis-carb
ip tr hairline & open frac ø tr lt gy bf sft amor bent'ic calc cly
SH 10%red redorng-redbrn sft-si frm v slty v sdy v- mod calc sren ip abnt cly part
•
GAS INFORMATION: BEFORE DURING AFTER  Depth (feet) 15,150 15,152 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154 15,154
Total (units) 5.500 10.000 5.200 C1 (ppm) 20.580 23.940 18.900 C2 (ppm) 6.900 10.500 5.700 C3 (ppm) 3.600 5.200 2.800 1C4 (ppm) 560 1.120 560 NC4 (ppm) 800 2.400 1.600
Net Increase (units)       4.500         Ratio (Pk:BG)       1.8:1
OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, change in mud system):
No increase in torque, immediate gas response & return to background, no significant mud cut, no flor stn or cut
CORRELATION W/CONTROL WELL:  No positive correlation
RECOMMENDED PACKER SEAT:

FORMATION AND DEPTH OF SHOW INTERVAL: 15,245'-15,246' WASATCH FM.
AVERAGE DRILL RATE BEFORE BREAK: 8-10 min/ft AVERAGE DRILL RATE DURING BREAK: 8-10 min/ft
SAMPLE DESCRIPTION (lithology, type and degree of porosity, evidence of fracturing, fluorescence, cuts):
SH 100%GY m gy & gyhrn lt & v dkgy in tr hlk hkly-nod text w calc veining thn calc fl fracs
pred sft & v lmy tr red-aren
GAS INFORMATION: BEFORE DURING AFTER
Depth (feet) 15,244 15,246 15,250 1
Total (units) 4,600 10,000 10,000 C1 (ppm) 18,000 19,950 19,950 C2 (ppm) 8,400 12,750 12,750 C3 (ppm) 5,200 17,000 17,000 16,800 16,800 NC4 (ppm) 2,400 26,000 26,000
Net Increase (units) 5,500  Ratio (Pk:BG) 2.2: 1 : : : : : : : : : : : : : : : : : :
OTHER COMMENTS (e.g torquing of bit, spikey drill time or gas, change in mud system):
No indications of torque, no mud gain or loss
immediate gas increase and dark green-black oil over shaker
CORRELATION W/CONTROL WELL:NONE
RECOMMENDED PACKER SEAT:

## SHOW REPORT # 12

FORMATION AND DEPTH OF SHOW INTERVAL: Wasatch fm. 16,252'-16,256'	
AVERAGE DRILL RATE BEFORE BREAK: 13 min/ft AVERAGE DRILL RATE DURING BREAK: 5-10 min/ft	
SAMPLE DESCRIPTION (lithology, type and degree of porosity, every fracturing, fluorescence, cuts):	vidence of
SH:30% Red brk-red red-orng pred v f sdy-slty-aren brit	t-frm scat
calc lined fracs lmy mtx pt orng-cly&sft v lmy	
SH:60% Lt-m-occ dk gy bcm incr gn-gy & wxy-vit sl-m ber	it sft occ v
fltq ss grs scat dk gy-blk splty vit carb	ICCOC TT
SS:10% Gn & gn-gy vf-f gr sbrd p srt wk cly & lmy cmt i	VSFUC II
•	
<del></del>	<del></del>
	<del></del>
-	
GAS INFORMATION:	,
Before Max After  Depth (feet) 16,248' 16,256' 16,260'	
Total (units) 4500 10000 6400	
C2 (ppm) 9240 15000 10200	
C3 (ppm) 6270 14100 8990 1C4 (ppm) 1600 7200 2880	
NC4 (ppm) 3300 11000 5000	
Net Increase (units) 5500	
Net Increase (units) <u>5500</u> Ratio (Pk:BG) <u>1.8 : 1 :</u>	<b>:</b>
OTHER COMMENTS (e.g torquing of bit, spikey drill time or gain mud system):	
No increase in rotary torque, immediate gas response, a	bundant
olive-green oil over shaker.	
CORRELATION W/CONTROL WELL:  Possible correlation to Cheney 1-33A2 at 14,410'	
	<del></del>
DECOMPTANCED DAGGED CEAT	
RECOMMENDED PACKER SEAT:	

## PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397



DIVISION OF OIL. GAS & MINING

February 27, 1987

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

Re: Operations Report For February 1987 Victor C. Brown No. 1-4A2 NESE Section 4, T1S, R2W Duchesne County, Utah

Gentlemen:

Enclosed please find the original and three (3) copies of your form OGC-1b "SUNDRY NOTICES & REPORTS ON WELLS" FOR CAPTIONED OPERATIONS.

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company

Wilburn L. Luna

Enclosure

## DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

SUBMIT	E*
(Other structions on reverse side)	030504

DIVISION OF OIL, GAS, AND MINING				5. LEASE DESIGNATION AND SERIAL NO.		
2411.10.0					FEE LAND	TES OR TRIBE NAME
SUNDS (Do not use this form	RY NOTICES AND  or proposals to drill or  number "Application for PE"	REPORTS ( to deepen or plug RMIT—" for such ;	ON WELLS back to a different reservois proposais.)	·		
OIL XXX WELL	OTHER	, in	DEGETV		7. UNIT AGREEMENT	MAMB
2. NAME OF OPERATOR			WAD 0.4 1007	JU	8. FARM OR LEASE	
Pennzoil Compan	ıγ	C.	MAR 0 4 1987	PRESE T	Victor C.	Brown
P.O. Box 290 Ne	ola, Utah 8405	3	DIVISION OF		1-4A2	
4. LOCATION OF WELL (Repo			State   Gue AGE MINI	NG	10. FIELD AND POOL	OR WILDCAT
At surface				ļ	BlueBell-	
1336' FSL & 116	5' FW			ļ	NESE	ISA .
14. PERMIT NO.	1 IE BERVATION	8 (Show whether D	2 22 02 Ma \		Sec. 4,T1	
API 43-013-3001	1	5959' GR	, at the total		Duchesne	UT
16.	Check Appropriate Bo	x To Indicate N	Nature of Notice, Repo	rt, or O	ther Data	
	CE OF INTENTION TO:		1		BHT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER	CASING	WATER SHUT-OFF		REPAIRING	WELL
FRACTURE TREAT	MULTIPLE COMP	LETE	PRACTURE TREATMEN	17	ALTERING	CABING
SHOOT OR ACIDIZE	ABANDON*		SHOUTING OF ACIDIT	Iv Or	erations	XXX
REPAIR WELL	CHANGE PLANS		(Other)	results	of multiple completio	n on Well
(Other)  17. DESCRIBE PROPOSED OR COMproposed work. If we	MPLETED OPERATIONS (Clear)	y state all pertinen			tion Report and Log including estimated d	
proposed work. If we nent to this work.) *	il is directionally drilled, gr	ve subsurface loca	tions and measured and tru	e vertical	depins for all mark	ert and zones perci-
Pennzoil Compan with 14.2#, 45	y continued dr vis, 7.0 WL dr	illing a illing fl	6" wellbore to uid.	a to	otal depth	of 16,805'
Ran logs: DIL-G	R,FDC-CNL & BH	C-Sonic.				
Ran a 5" 18# li	ner from 16,80	5' to 11,	207'.			
Cemented liner	w/380 sks., of	CL. "H"	cement with ad	ditiv	res.	
Cleaned out 7 5			1,207', and 5"	line	er to 16,78	0'.
Ran CBL-GR-CL f	rom 16,720' to	surface.				
Displaced drill 1-80, EUE tbg.	ing mud with 1	.0.o# Brin	e water and ra	an 15	42' of 2 7	/8", 6.5#,
Installed tbg s	pool and x-mas	tree.			×	
Released drilli	ng rig on 2-25	-87 @ 6:00	) PM.			
RDRT and move of	ff location					
18. I hereby certify that the	foregoing is true and corr	ict	Office 801-35	3-439	97	
SIGNED WIT	. Ferra	_ TITLE	Drilling Super	<u>rinte</u>	nde <b>ntr</b>	2-27-87
(This space for Federal				······		
		MIME T			DATE	
COMDITE S OF APPR	OVAL, IF ANY:	_ TITLE		<u></u>		



RECENTED S

PENNZOIL PLACE • P. O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

AUG 4 1987

DIVISION OF OIL GAS & MINING

July 30, 1987

Utah Natural Resources
Division of Oil, Gas, & Mining
Attn: Tammy Searing
355 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203

Ms. Searing:

This letter is to confirm our telephone conversation of July 30, 1987, regarding the name change from Pennzoil Exploration & Production Co. to Pennzoil Company.

Please change your records to reflect this name change effective August 1, 1987.

Your contact for drilling operations will continue to be Will Luna at our Neola office. The contact for the monthly production reports will be myself at our Houston address. All affected properties, except the drilling activity, are listed on the attached production report for June, 1987. The bonding is in the name of Pennzoil Company.

This is a change in name only, the company and personnel have remained the same. If you need additional information, please call me at (713)-546-8104.

Sincerely,

Martin Wilson

Onshore Accounting

mh/dcw



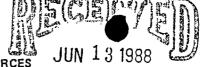
### 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. ● (801-538-5340)

#### MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:					^
PENNZOIL EXPLOR & PRO	) <del>D 60</del>	A, Pe	www:1 Comp.	ANY Utah Account No	N2885
P O BOX 2967,25TH Fi. HOUSTON TX ATTN: WHEBURN EUNA	77252		01/50~	Report Period (Mor	nth/Year) <u>6 / 87</u>
Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
HARMSTON U 1-32A1 4301330224 05770 01S 01W 32	GRRV	3	262	383	0
WH BLANCHARD 2-3A2 4301330008 05775 018 02W 3	GRRV	Ð	<del>-6</del>	€.	•
VICTOR C, BROWN 1-4A2 4301330011 05780 015 02W 4	GRRV	16	1334	5697	1136
UTE ALOTTED U 1-36Z2 4301330307 05785 01N 02W 36	WSTC	30	1379	732	1423
T HORROCKS 1-6A1 4301330390 05790 018 01W 6	WSTC	0	<del>-0</del>	*	0
JOSEPH YACK U 1-7A1 4301330018 05795 018 01W 7 CURTIS BASTIAN FEE #1 (3-7D)	WSTC	30	1394	624	4748
GURTIS BASITAN FEE #1 (5-70) 4301330026 05800 018 01W 7 GHSL-FLY-DIA 1-18A1	GRRV	0	•	-	-6
4301330030 05805 018 01W 18 STATE 3-18A1	GRRV	0	-5	-&	0
4301330369 05810 015 01W 18 RG DYE U 1-29A1	WSTC	30	9219	6853	3305
4301330271 05815 018 01W 29 SUMMARELL E U 1-30A1	GRRV	6	<del>\delta</del>	-	<del>-</del>
4301330250 05820 01S 01W 30	WSTC	30	420	768	1035
L L PACK 1-33A1 4301330261 05825 018 01W 33	WSTC	3	16	967	-8
MOBILUTE TRBL 11-6A2 4301330381 05835 018 02W 6	WSTC	30	1312	149	26
		TOTAL	15336	16173	11673
Comments (attach separate sheet if nece	ssary)				
•					3
				Data Aura	1 1987
I have reviewed this report and certify the			accurate and complete.	Date Aug Telephone 7/3-5	46-8104

#### STATE OF UTAH

#### DEPARTMENT OF NATURAL RESOURCES



DIVISIO	ON OF OIL, GAS, AND MIN	UING UIVISION OF	5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NOT	CES AND REPORTS C	OIL, GAG & MINING ON WELLS LICK to a different reservoir.	G. IF INDIAN, ALLOTTER OR TRIBE NAME
OIL GAS OTHER			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Pennzoil	Company Utah Acct.	# N0705	8. FARM OR LEAGE NAME See Attached List
8. ADDRESS OF OPERATOR P.O. BOX	2967 Houston, TX 7	7252-2967	9. WELL NO.
4. LOCATION OF WELL (Report location di See also space 17 below.) At surface		tate requirements.	10. FIELD AND POOL, OR WILDCAT  Rluehell/Altamont
See Attach	ed List of Wells		11. SEC., T., E., M., OE BLE. AND SURVEY OR AREA
14. API NUMBER	18. BLEVATIONS (Show whether DF.	AT, GR, etc.)	Duchesne & Utah
16. Check Ap	propriate Box To Indicate No	ature of Notice, Report, or O	
HOTICE OF INTENT	: OT NOT:	UPERUS	ENT REPORT OF:
FRACTURE TREAT M SHOOT OR ACIDIZE A	ULL OR ALTER CASING ULTIPLE COMPLETE BANDON®	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING	REPAIRING WELL  ALTERING CABING  ABANDONMENT*
(Other) Operator Name	e Change X	(Other)  (Note: Report results Completion or Recomple	of multiple completion on Well etion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction	ATIONS (Clearly state all pertinent sally drilled, give subsurface location	details, and give pertinent dates, one and measured and true vertical	including estimated date of starting any i depths for all markers and xones perti
Production Compa	or name from Pennzoiny, effective June 1	, 1988.	
See Attached Lis	c or wells	OIL	AND GAS
		DRN	RJF
		JRB	GLH
		DTS	SLS
		1+ 7AS	
		02 -	MICROFILM V
		3.	S-FILE
•			V
18. I hereby certify that the foregoing is			
BIGNED / wrys P. Jan	klippo TITLE West	ern Div. Production	Mgr. DATE 6-9-88
(This space for Federal or State office	e use)		
APPROVED BY	NY:		DATE

### SUNDRY NOTICE OF NAME HANGE EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS	
5780	VIC BROWN 1-4A2	1S 2W 4	4301330011		
5785	UTE ALOTTED 1-36Z2	1N 2W 36	4301330307	•	e #1
<b>`</b> 5790	HORROCKS 1-6A1	1S 1W 6	4301330390		<i>53</i>
5795	J YACK 1-7A1	1S 1W 7	4301330018		
5800	BASTAIN FEE #1	1S 1W 7	4301330026		
5805	CHASEL FLY DIAMOND 1-18A1		4301330030		
<b>\5810</b>	STATE 3-18A1	1S 1W 18	4301330369		
<b>\</b> 5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTCV	
<b>\</b> 5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250		
<b>\5825</b>	LL PACK 1-33A1	1S 1W 33	4301330261		
5835	UTE 11-6A2	1S 2W 6	4301330381		
5836	UTE 2-7A2	1S 2W 7	4301331009		
5840	DOUG BROWN 1-4A2	1S 2W 4	4301330017		
<b>`5845</b>	LAMICQ URRUTY 4-5A2	1S 2W 5	4301330347		
`5850	UTE 1-7A2	1S 2W 7	4301330025		
<b>\</b> 5855	LAMICQ URRUTY 2-9A2	1S 2W 9	4301330046	GREV	
<b>\5860</b>	STATE 1-10A2	1S 2W 10	4301330006	<del>na kata ta </del>	
>5865	SPRGFIELD M/BK 1-10A2	1S 2W 10	4301330012		
5870	L. BOREN 2-11A2	1S 2W 11	4301330277		
5875	KENDALL 1-12A2	1S 2W 12	4301330013		
5876	CLYDE MURRAY 1-2A2	1S 2W 2	4301330005	Seev -	
5877	BLANCHARD 1-3A2	1S 2W 3	4301320316		
5880	OLSEN 1-12A2	1S 2W 12	4301330031	/	
\$ 5885	L.BOREN 1-14A2	1S 2W 14		GERV	
5890	UTE 3-18A2	1S 2W 18	4301330125	VEI	
5895	UTE TRIBAL 4-19A2	1S 2W 19	4301330147		
5900	L. BOREN 5-22A2	1S 2W 22	4301330107		
\$5905	L. BOREN 4-23A2	1S 2W 23	4301330115		
<b>\5910</b>	UTE TRIBAL 5-30A2	1S 2W 30	4301330169	WSTC	
.`5920	BECKSTEAD 1-30A3	1S 3W 30	4301330070	WSTC	
5925	UTE TRIBAL 10-13A4	1S 4W 13	4301330301	<del></del>	
5930	KARL SHISLER 1-3B1	2S 1W 3	4301330249		
15935	C B HATCH 1-5B1	2S 1W 5	4301330226		
<b>\ 5940</b>	NORLING 1-9B1	2S 1W 9	4301330315		
`5945	H.G. COLTHARP 1-15B1	2S 1W 15	4301330359	•	
<b>\</b> 5950	GEORGE MURRAY 1-16B1	2S 1W 16	4301330297		
5960	EH BUZZI 1-11B2	2S 2W 11	4301330248	WSTCV	
5965	DL GALLOWAY 1-14B2	2S 2W 14	4301330564		
`5970	STATE PICKUP 1-6B1E	2S 1E 6	<u>4304730169</u>	WSTCV	
5975	LAMICQ URRUTY 1-8A2	1S 2W 8	4301330036		
>9770	SMITH 1-14C5	3S 5W 14	4301330980		
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912		
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134		
10615	HATCH 2-3B1	2S 1W 3	4301331147		
<b>`10616</b>	NORLING 2-9B1	2S 1W 9	4301331151		
<b>~10679</b>	ROBERTSON 2-29A2	1S 2W 29	4301331150		
<b>\10753</b>	SHAW 2-27A2	1S 2W 27	4301331184	0 10 10-0 00 1	
<b>\10764</b>	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Dulg. WSTC. Conf.	
10785	BOREN 3-11A2 "	18.2W 11	4301331192		
<b>\10794</b>	LAMICQ 2-20A2	1S 2W 20	4301331191	I II OIA	43-013-31203
`	FRESTON 2-8B1	2S 1W 8	43013 <b>g</b> 1203	CURRENTLY BEING DRILLED OFA	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	SALERATUS WASH 1-17C5 SWD		4301399998	SALI MATER DISPUSAL MELL	43-013-30388-LFRU
	NANDERSON 2-28A2 SWD	1S 2W 28	<del>430439999</del> 2	SALT WATER DISPOSAL WELL	43-013-30346 UNTA
					• ~

SUBMIT IN DUPL (See other instru on reverse side)

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING 5. LEASE DESIGNATION AND SERIAL NO WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* 6. IF INDIAN. ALLOTTEE OR TRIBE NAME is. TYPE OF WELL: WELL XX 7. UNIT AGREEMENT NAME L TYPE OF COMPLETION: wonk DEEP-DIFF. RESVR. PLUG BACK КX S PARM OR LEASE NAME Othe 2. NAME OF OPERATOR Pennzoil Exploration and Production Company <u>Vic Brown</u> JUL 7 1988 9. WELL NO. 1-4A2 MERION OF P.O. Box 2967, Houston TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State Power towns of Well) 10. FIELD AND POOL, OR WILDCAT Bluebell/Altamont 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 1338' FSL, 1165' FEL At top prod. interval reported below Sec 4, T1S, R2W At total depth 14. PERMIT NO. 12. COUNTY OR PARISH 13. STATE DATE ISSUED **№**4<del>3</del>-013-30011 8/27/86 Duchesne 16. DATE T.D. REACHED 19. ELEV. CABINGHEAD 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 5959' GR 12/4/8% 2/11/87 4/7X87() 5956.5 20. TOTAL DEPTH, MD & TVD 21. PLUO, BACK T.D., MD A T 23. INTERVALS CABLE TOOLS TE MULTIPLE COMPL. ROTARY TOOLS DRILLED BY 16,805 (MD) 14,646 X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE 13,706-14,620 TIPE ELECTRIC AND OTHER LOGS BUN 27. WAS WELL CORED no CARING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 18" conductor 100 sks class G 0 519010M 10-3/4" 40.5 15" 325 sks 0 11434 23,26,29 8-3/4" 425 sks 0 29 LINER RECORD TUBING RECORD 30. SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SIZE DEPTH SET (MD) PACKER SET (MD) SCREEN (MD) 5' 11207 16803 300 2 - 7/813650 13650 31. PERFORATION RECORD (Interval, size and number) ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED CONFIDENTIAL see attached see attached PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) 6/20/87 pumping producing DATE OF TEST HOURS TESTED CHOKE SIZE FROD'N. FOR OIL-BBL. GAS-MCF. WATER-BBI. GAS-OIL BATIO 4/14/88 11 N/A N/A N/A CALCULATED 24-HOUR RATE CASING PRESSURE OIL GRAVITY-API (CORR.) OIL-BBL. GAS-MCF WATER-BRL 0 242 150 N/A 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Gary Gas Plant 35. LIST OF ATTACHMENTS 36. I hereby certify pat, the foregoing and attriched information is complete and correct as determined from all available records DATE 6-30-88 SIGNED

# NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, both, pursuant to sipplicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are abown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. or both, pursuant to syplicable Federal and/or State laws and regulations.

If not flied prior to the time this summary record is submitted, copies of all currently available loge (dvillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Hers 12: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hers 22 and 24: If this well is completed for separate production from more than one than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval tem 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hers 29: "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hers 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

	TOF	TRUM VART. DAPTE		•
GEOLOGIC MARKERS	T.	MEAS. DEFTH	11440 13620 M 14554	
38. GEOLOG			Wasatch Red Beds Base Red Beds Three Fingered L	
MARY OF POROUS ZONES: BHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THERBOF; CORED INTREVALS; AND ALL DRILL-STRM TRETS, INCLUDING DEPTH INTREVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PRESSUESS, AND RECOVERISS	DESCRIPTION, CONTENTS, MTC.		OIL AND GAS  DRN RJF  JRB GLH  LDFSD(S SLS  Q-TAS  ASQ  MICROFILM  H- FILE	
	BOTTOM		CONFIDENCE DESCON CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONFIDENCE CONF	
OF POROUS ZONES: ALL IMPORTANT ZONES OF PO INTERVAL TESTED, CUSHION	T0P		11440 13620 14554	
37. SUMMARY OF PORG BHOW ALL IMPOR DEPTH INTERVAL	FORMATION		Wasatch Red Beds Base Red Beds TFL	

DW-DUCHESNE-PZL-VIC BROW 1-4A2 PZL PC 49.34081% - PPI PC 49.34081% - PD 17,000'

LOCATION: SECTION 4 - T1S - R2W TOTAL AFE COST \$1,670,000.00.

12-2-86: TD 11,434' - Made O' - POH w/ RTTS - ECTD \$285,483.00.

12-3-86: TD 11,434' - Made 0' - Bringing MW to 10.5 ppg - MW 8.5 - Vis 31 - ECTD \$295,955.00.

12-4-86: TD 11,449' - Made 15' in 4.5 hrs - TIH w/ mud motor - MW 10.5 - Vis 36 - WL 16 - ECTD \$304,172.00.

12-5-86: TD 11,645' - Made 196' in 19.5 hrs - Shale - MW 10.5 - Vis 40 WL 16 - ECTD \$322,778.00.

12-6-86: TD 11,803' - Made 158' in 23 1/2 hrs - Drl - MW 10.5 - Vis 43 WL 14 - ECTD \$336,647.00.

12-7-86: TD 11,804' - Made 1' in 1/4 hr - On TIh w/ jars and screw sub - (Drill string torqued up and got stuck on PU @ 11,802' - Spotted Imco free pipe around stabilizers - Could not work free - Ran free pt - Stuck at 11,795' WL - Backed off @ 11,352' - POH PU fishing tools and start TIH) - MW 10.5 - Vis 40 - WL 13 - ECTD \$345,383.00.

12-8-86: TD 11,804' - Made O' - Reaming at 11,574' - (Finish TIH w/ fishing tools - Screw into fish - Jar fish free - POH LD fishing mud wtr and etc - PU mill tooth bit and etc. - TIH - Started reaming @ 11,434') - MW 10.5 - Vis 42 - WL 9.6 - ECTD \$363,055.00.

12-9-86: TD 11,811' - Made 7' in 3 hrs - Testing BOP (Fin reaming to btm drilled ahead w/ 7' w/ torque - Raised mud wt to 10.9# to hold fractured formation in place - POH for diamond bit - Change BHA - Now testing BHP's - MW 10.9 - Vis 47 - WL 8 - ECTD \$370,382.

12-10-86: TD 11,878' - Made 67' in 13 1/2 hrs - Drl - Wasatch - MW 10.9 - Vis 52 - WL 8.2 - ECTD \$377,792.00.

12-11-86: TD 11,974' - Made 96' in 22 1/2 hrs - Drl - Wasatch - MW 10.9 Vis 52 - WL 8.5 - ECTD \$388,432.00.

12-12-86: TD 12,091' - Made 117' in 22.5 hrs - Drl - Wasatch - MW 11 - Vis 48 - WL 8.4 - ECTD \$400,781.00.

12-13-86: TD 12,200' - Made 109' in 24 hrs - Drl - Wasatch - MW 10.9 Vis 62 - WL 7.8 - ECTD \$413,409.00.

12-14-86: TD 12,280' - Made 80' in 24 hrs - Drl - Wasatch - MW 10.9 Vis 49 - WL 7.9 - ECTD \$426,255.00.

12-15-86: TD 12,291' - Made 11' in 4.5 hrs - Trip for washout (Trip e 12,284' change out downhole motor and bit type - Drill 1 hr and lost 400 PSI of pressure - now on POH to check on pressure loss) - MW 10.9 - Vis 49 - WL 8.4 - KDB to csghead flange 30.7' - KDB to GR 28.2' - Phone #'s: Drl (801)353-2096 Geologist and mud logger (801)353-2006 - MW 10.9 - Vis 49 - WL 8.4 - ECTD \$441,038.00.

DW-DUCHESNE-PZL-VIC BROWN #1-4A2
PZL PC 49.34081% - PPI PC .34081% - PD 17.000'
LOCATION: SECTION 4 - TIP - R2W - Loffland Rig #60
TOTAL AFE COST \$1,670,000.00.

12-16-86: TD 12,291' - On TIH w/ rock bit (Finish POH w/ washout - Left btm of downhole motor in hole - Fish, Dia-bit, 48" of outer mtr body w/ 12' of 2.87" stator looking up - PU 5 3/4" OS jt washpipe bumper sub, jars and etc - TIH to 11,792' - Washed to 11,885' and could not get deeper - POH - LD fishing tools - PU bit and start TIH) MW 11 - Vis 49 - WL 7.8 - ECTD \$446,602.00.

12-17-86: TD 12,291' - Made 0' - TIH w/ overshot and jars - Wasatch MW 11.3 - Vis 48 - WL 7.6 - ECTD \$453,321.00.

12-17-86: TD 12,293' - Made 2' in 1 hr - Circ btms up (Fin TIH w/ O.S. & etc W&R 12,154' to 12,280' - Work over fish & engage same - POH and LD fish - TIH w/ mill tooth bit - Wash & ream 12,154' to 12,280' - Drl 12,291' to 12,293' - Circ btms up) - MW 11.3 Vis 46 - WL 8 - ECTD \$464,702.00.

12-18-86: TD 12,382 - Drlg @ 8.5 ft/hr and 12 ft/hr - Made 89' in 24 hrs - (no drag on conn) (POH w/ mill tooth bit - TIH w/ dn-hole mtr & dia. bit. Started Drilling) - MW 11.3 - Vis 47 - WL 8.0 - ECTD \$471,527.

12-20-86: TD 12,477' - Made 95' in 22.5 hrs - Drl (Frac formation ROP F/ 12 ft/hr To 3 ft/hr) w/ excessive pull off btm - MW 11.3 - Vis 47 - WL 7.8 - ECTD \$481,453.00.

12-21-86: TD 12,535' - Made 58' in 12.5 hrs - Drl (ROP 4' to 5' ft/hr - on RTCB found bit worn and grooved probably caused by metal)

MW 11.4 - Vis 52 -

12-22-86: TD 12,644' - Made 109' in 20.5 hrs - Drl (ROP 5 ft/hr - Form soft clay - Frac in part) - MW 11.4 - Vis 51 - WL 7.8 - ECTD \$508,434.00.

12-23-86: TD 12,670' - TIH w/ Drilex motor & Hycalog bit - Made 26'/ 13,5 hrs MW 11.4 - Vis 50 - WL 7.8 - 20 drlg days - ECTD \$516,614.00.

12-24-86: TD 12,750' - Drlg - ROP 5.5'/hr - MW 11.3 - Vis 46 - WL 8.2 - 21 drlg days - ECTD \$525,044.00.

12-25-86: TD 12,863' - Made 113' in 24 hrs - Drl - Wasatch - MW 11.3 - Vis 44 - WL 8 - ECTD \$534,670.00.

12-26-86: TD 12,987' - Made 124' in 24 hrs - Drl - Wasatch - MW 11.3 - Vis 44 - WL 8.4 - ECTD \$544,688.00.

12-27-86: TD 13,111' - Made 124' in 24 rs - Drl - Wasatch - MW 11.3 - Vis 46 - WL 9 - ECTD \$555,388.00.

12-28-86: TD 13,230' - Made 119' in 24 hrs - Drl - Wasatch - M.W 11.3 - Vis 43 - WL 8.8 - ECTD \$565,507.00.

12-29-86: TD 13,245' - Made 15 in 2 hrs - Drl - Wasatch - MW 11.3 - Vis 41 - WL 8.8 - ECTD \$572,896.00.

DW-DUCHESNE-PZL-VIC BROWN #1-4A2 PZL PC 49.34081% - PPI CC 49.34081% - PD 17,000'
LOCATION: SECTION 4 S - R2W - Loffland Rig #60

TOTAL AFE COST \$1,670,000.00.

12-30-86: TD 13,425' - Made 180' in 24 hrs - Drl - Wasatch - MW 11.3

Vis 43 - WL 8.5 - ECTD \$582,334.00.

12-31-86: TD 13,552' - Made 24' in 24 hrs - Drl - Wasatch - MW 11.2 -

Vis 44 - WL 8.3 - ECTD \$592,042.00.

1-1-87: TD 13,665' - Made 113' in 24 hrs - Dr1 - Wasatch - MW 11.3 -Vis 44 - WL 8 - ECTD \$604,882.00.

1-2-87: TD 13,702' - Made 37' in 10 1/2 hrs - Drl - Wasatch - MW 11.3 -Vis 50 - WL 7.8 - ECTD \$612,876.00.

TD 13,810' - Made 108' in 17 hrs - Drl - Wasatch - MW 11.5 -1-3-87: Vis 41 - WL 8.5 - ECTD \$623,535.00.

TD 13,937' - Made 127' in 24 hrs - Drl - Wasatch - MW 11.7 -1-4-87: Vis 40 - WL 8.5 - ECTD \$633,550.00.

TD 14,059' - Made 122' in 24 hrs - Drl - Wasatch - MW 12.1 -1-5-87: Vis 43 - WL 8.6 - ECTD \$665,976.00.

1-6-87: TD 14,155' - Made 96' in 24 hrs - Drl - MW 12.2 - Vis 43 - WL 8.6

1-7-87: TD 14,155' - Made O' - Reaming to btm @ 13,781' (made trip for downhole motor and new bit) - MW 12.2 - Vis 50 - WL 9 -ECTD \$684,728.00.

1-8-87: TD 14,281' - Made 126' in 19.5 hrs - Drl - Wasatch - MW 12.6 -Vis 44 - WL 7.9 - ECTD \$698,093.00.

1-9-87: TD 14,384' - Made 103' 17 hrs - Drl - Wasatch - MW 12.6 - Vis 12.5 WL 7.5 - ECTD \$721,046.00.

1-10-87: TD 14,495' - Made 111' in 24 hrs - Dr! - Wasatch - MW 12.6 -Vis 46 - WL 7.6 - ECTD \$734,034.00.

1-11-87: TD 14,519' - Made 24' in 8 1/4 hrs - GIH - Wasatch - MW 12.6 -Vis 44 - WL 8 - ECTD \$740,300.00.

1-12-87: TD 14.519' - Made 0' - GIH - Wasatch - MW 12.6 - Vis 43 -WL 7.8 - ECTD \$752,173.00.

TD 14,519' - Made O' - Reaming tight hole - Wasatch - MW 12.6 -1-13-87: Vis 49 - WL 7.6 - ECTD \$779,407.00.

1-14-87: TD 14,519' - Made 0' - Reaming - Wasatch - MW 12.6 - Vis 45 -WL 7.6 - ECTD \$785,801.00.

TD 14,623' - Made 104' in 16 hrs - Drl - Wasatch - MW 12.6 -1-15-87: Vis 46 - WL 8.4 - ECTD \$797,130.00.

DW-DUCHESNE-PZL-VIC BROWN #1-4A2
PZL PC 49.34081% - PPI 49.34081% - PD 17,000'
LOCATION: SECTION 4 - Us - R2W - Loffland Rig #60
TOTAL AFE COST \$1,670,000.00.

- 1-16-87: TD 14,732' Made 109' in 24 hrs Drl Wasatch MW 12.6 Vis 47 WL 7.6 ECTD \$810,246.00.
- 1-17-87: TD 14,808' Made 76'/ 24 hrs Drlg MW 12.6 Vis 47 WL 7.5 45 drlg days ECTD \$821,436.00.
- 1-18-87: TD 14,877' Made 69'/ 11 hrs Drlg MW 12.6 Vis 47 WL 8 46 drlg days ECTD \$831,413.00.
- 1-19-87: TD 14,980' Made 103'/ 24 hrs Drlg MW 12.6+ Vis 46 WL 8 47 drlg days ECTD \$841,869.00.
- 1-20-87: TD 15,060' Drilling MW 12.6 VIS 50 WL 7.6 ECTD \$849,022 ---
- 1-21-87: TD 15,219' Drilling MW 12.6 VIS 45 WL 8.0 ECTD \$859,422
- 1-22-87: TD 15,339' Drilling MW 12.7 VIS 46 WL 8.4 ECTD \$881,537
- 1-23-87: TD 15,467' Drilling MW 12.7 VIS 46 WL 8.3 ECTD \$891,616
- 1-24-87: TD 15.580' Drilling MW 12.7 VIS 47 WL 9.0 ECTD \$908,064
- 1-25-87: TD 15.612' Slip & cut drill line MW 12.7 VIS 42 WL 9.4 ECTD \$918.916
- 1-26-87: TD 15,684' Drilling (wt. mud up to bring down gas for logging while drill ahead). No flare. MW 13.03 VIS 43 WL 9.6 ECTD \$902,018
- 1-27-87: TD 15,800' Drilling (logging unit back on scale) MW 13.3 VIS 48 WL 8.2 ECTD \$918,818
- 1-28-87: TD 15,864' Drilling MW 13.3 VIS 49 WL 7.6 ECTD \$943,247
- 1-29-87: TD 15,871' T.I.H. MW 13.3 VIS 49 WL 7.8 ECTD \$950,419
- 1-30-87: TD 15,871' Reaming 6" hole @ 15,715' MW 13.41 VIS 50 WL 8.2 ECTD \$956,043
- 1-31-87: TD 15,060' Drilling 6" hole MW 13.2 VIS 48 WL 9.0 ECTD \$972,385
- 2-01-87: TD 16,023' Drilling 6" hole MW 13.3 VIS 46 WL 8.8 ECTD \$983,047
- 2-02-87: TD 16,113' Drilling 6" hole MW 13.51 VIS 57 WL 7.4 ECTD \$996,621

DW-DUCHESNE-PZL-VIC BROWN 1-4A2
PZL PC 49.34081 PD 17,000'
LOCATION: SECTION 4 - T1S - R2W - LOFFLAND RIG 50
TOTAL AFE COST \$1,670,000.00.

- 2-3-87: TD 16,196' Made 83' in 24 hrs Drilling Sand & Shale Wasatch MW 13.5 Vis 59 WL 7.4 ECTD \$1,011,061.00.
- 2-4-87: TD 16,223' Made 27' in 11.5 hrs Drilling Shale Checking BOP'S on trip for downhole motor change -MW 13.5 Vis 45 WL 7.4 64 days -ECTD \$1,029,075.00.
- 2-6-87: TD 16,348' Made 97' in 24 hrs Drilling Shale MW 13.7# in/13.2# out Vis 50 WL 7.6 66 days -ECTD \$1,053,715.00.
- 2-7-87: TD 16,422' Made 74' in 24 hrs Drilling Shale & Sandstone MW 14.1# Vis 55 WL 9.0 67 days -ECTD \$1,072,620.00.
- 2-8-87: TD 16,437' Made 15' in 7 hrs W & R to btm. after RTCB & downhole, motor, shale, MW 14.1# Vis 55 WL 9.2 68 days -ECTD \$1,083,349.00.
- 2-9-87: TD 16,613' Made 176' in 23.5 hrs Drilling in shale, MW 14.1# Vis 48 WL 9.0 69 days -ECTD \$1.098,324.00.
- 2-10-87: TD 16,750' Made 137' in 24 hrs Drilling in shale, MW 14.2# Vis 51 WL 9.2 70 days -ECTD \$1,111,762.00.
- 2-11-87: TD 16,800' Made 50' in 10.5 hrs, on POH, w/SLM to log, Drilling in shale, MW 14.2# Vis 50 WL 9.0 71 days -ECTD \$1,123,322.00.
- 2-12-87: TD 16,805' Made 0' in 0 hrs, Reaming to btm after running DIL & FDC-CNL logs & made a 5' downhole correction from SLM on POH to log, MW 14.2# Vis 50 WL 9.4 73 days -ECTD \$1,142,881.00.
- 2-13-87: TD 16,805' Made 0' in 0 hrs, Circ. & condition mud @ 16,805' (washed & reamed 22 hrs. most of the reaming was in the red shale zones). MW 14.2# Vis 50 WL 8.8 72 days -ECTD \$1,150,973.00.
  - 2-14-87: TD 16,805' Made 0' in 0 hrs, Reaming @ 11,746'. Finished conditioning mud, POH & run BHC Sonic from 16,770' to 11,428', P/U stiff BHA & TIH. Started reaming @ 11,525'. MW 14.2# Vis 48 WL 7.4 73 days -ECTD \$1,174,801.00.
  - 2-15-87: TD 16,805' Made 0' in 0 hrs, Reaming from 11,746' to 14,071', TIH to 15,280' & reamed to 16,214'. MW 14.2# Vis 50 WL 6.6 74 days -ECTD \$1,183,335.00.

DW-DUCHESNE-PZL-VIC BROWN 1-4A2
PZL PC 49.34081% - 17,000'
LOCATION: SECTION - T1S - R2W - LOFFLAND R #60
TOTAL AFE COST \$1,670,000.00.

- 2-16-87: TD 16,805' Circ. & condition mud for POH to run 5" production liner. (Finished reaming to 16,805' circ. & cond. mud POH to 11,400' inside 7" csg. TIH had to do very little reaming. Now circ.) MW 14.4# Vis 50 WL 6.4 75 days -ECTD \$1,192,754.00.
- 2-17-87: TD 16,805' Made 0' in 0.0 hrs. On btm. circ. w/5" liner, (Finished conditioning mud & POH RU & run 140 jts. (5596.21') 5" 18# P-110/N-80, FL-45/SFN/SJ/X-line liner TIH Now circ. gas out of mud). MW 14.4# Vis 53 WL 6.8 76 days -ECTD \$1,200,712.00.
- 2-18-87: TD 16,805' P/U 2 7/8" DP. (Finish circ hung off RCM liner hanger Liner btm @ 16,803 & top @ 11,207' Broke circ. & attempted to rotate liner Howco cmted. 5" liner 3/300 sks "H" mix plus 1% CFR-2, 0.06% Halad 24, 0.02% HR5, 2% super CBL-7. Bumped plug @ 10:30 AM w/500 psi over circ. pressure, displaced plug w/181 1/4 bbls mud, calc. displacement 181 bbls. Pull out of liner hanger & POH. Laid down excess DP & D.C. Now on PU of 2 7/8" DP), MW 14.3# Vis 50 WL 6.8 77 days -ECTD \$1,233,474.00.
- 2-19-87: TD 16,805' On POH w/6" bit & csg. scraper, (Finished w/PU & 2 7/8" DP & D.C. P/U 6" bit 7" csg scraper & TIH. Top of first cmt 10,955'. Drill med. hard cmt from 10,955' to 11,076'. Circ. out. Drill hard cmt from 11,076' to 11,091' from 11,091 to 12,207' (TOL) drill cmt stringers Circ. out & start POH). MW 14.2# Vis 45 WL 7.0 78 days -ECTD \$1,240,414.00.
- 2-20-87: TD 16,805' (16,725 PBTD) on TIH 4 1/8" mill & junk basket, (Finish POH w/ 6" bit & BHA change pipe rams one set 2 7/8" & 3 1/2" TIH w/4 1/2" mill & 5" csg scraper to TOL @ 11,207' no cmt inside liner top & no cement was on top of liner. TIH & clean out 5" line-drilled cmt from 16,695' to 16,725' Landing collar POH lay down 5" csg scraper & start trip in hole.) MW 14.2# Vis 48 WL 8.2 79 days -ECTD \$1,248,347.00.

DW-DUCHESNE-PZL-VIC BROWN 1-4A2
PZL PC 49.34081Z D 17,000'
LOCATION: SECTION 4 - T1S - R2W - LOFFLAND RIG #60
TOTAL AFE COST \$1,670,000.00.

- 2-21-87: TD 16,805' (PBTD 16,723) Out of hole for new 4 1/8" mill & junk sub (cleaned out 5" liner to landing collar @ 16,725' by DP measurement Drilled Landing collar, float collar & cmt. to 16,732' POH for new mill) MW 14.2# Vis 46 WL 10.0 80 days -ECTD \$1,354,040.00.
- 2-22-87: TD 16,805' (16,750' PBTD by DP) Running (BL log (TIH w/mill & ect. drill cmt to 16,750' by DP measurement POH RU & started running CBL). MW 14.2# Vis 47 WL 10.4 81 days -ECTD \$1,360,624.00.
- 2-23-87: TD 16,805' (16,750' PBTD by DP 16,720' by CBL), On POH w/RTTS after testing liner top (Finished running CBL TIH w/RTTS to 11,153' Test liner top w/2000 psi 30 min. No Press. lose Displace DP to 9600'+ w/F. Water 3100# diff. for flow back test 3 hrs. no flow back start POH) MW 14.2# Vis 45 WL 10.5 82 days -ECTD \$1,372,861.00.
- 2-24-87: TD 16,805' (PBTD 16,780' on cmt.) Laying down drill string. (Finished POH w/RTTS PU & TIH w/4 1/8" mill & SLM Made no correction Drill cmt from 16,750' to 16,780' displaced 14.2# mud w/10.0#. Brine water treated w/biocide & etc. for a pkr. fluid Now laying down drill pipe.) MW 10.0# Brine 83 days -ECTD \$1,380,745.00.
- 2-25-87: TD 16,805' (PBTD 16,780' on cmt.) Nipple down BOP stack. (Finished laying down drill string & started ND of BOP stack). MW 10.0# Brine 84 days -ECTD \$1.392.044.00.

2-26-87: TD 16,805' (PBTD 16,780' on cmt.) RDRT (install tbg. spool - Ran kill string, 50 jts., 2 7/8", 5-7, L-80, EUE tbg. 1542.13 hung off tbg. on dual hoger - Test flange & csg. w/3000 psi - 15 min. 0.K. - Clean pits & etc. Released Rig @ 6:00 P.M. on 2-25-87). MW 10.0# Brine - 85 days -ECTD \$1,400.000.00.

### Production Liner Details From bottom to top

Jts.	0.D.	Wt.	Gr.	Conn.	Length	Top @
1	5	18	Guide Shoe	FL4S	2.00	16801.09
2	5	18	P-110	F14S	73.12	16727.97
1	5	18	F1. Collar	F14S	2.20	16725.77
1			Ld. Collar		.85	16724.92
11	5	18	P110	F14S	417.12	16307.80
1	5	18	P110	x-0	36.40	16371.40
88	5	18	P110	SFJP	3504.04	12767.36
8	5	18	P110	FJP	331.79	12435.58
17	5	18	N-80	FJP	701.38	11734.20
3	5	18	N-80	SFJP	116.40	11617.80
1	5	18	N-80	x-o	36.80	11581.00
2	5	18	N-80	x-line	77.78	11503.22
7	5	18	P110	x-line	274.81	11229.01
1			Liner	8-Rd	22.01	11207.00
			Hanger	x-line		

- 2-27-87: TD 16,805' (16,780' PBTD). RDRT.
- 2-28-87: TD 16,805' (16,780' PBTD). RDRT.
- 3-1-87: TD 16,805' (16,780' PBTD cmt). Finish RDRT & continue MORT.
- 3-2-87: TD 16,805' (16,780' PBTD cmt). MORT.
- 3-3-87: TD 16,805' (16,780' PBTD cmt). Set anchors & etc.
- 3-4-87: TD 16,805' (16,780' PBTD cmt). Cleaning up location & moving out equipment.
- 3-5-87: TD 16,805' (16,780' PBTD cmt). Building pad for completion unit.
- 3-6-87: TD 16,805' (16,780' PBTD cmt). Finished MORT & start rig up of completion unit. Final drilling report. ECTD \$1,400,000.00
- 3-6-87: MIRU pulling unit. ND well head. NU BOP. POOH with 50 jnt. 7/8" tubing kill string. SIFN. ECTD \$1,415,827.00.
- 3-7-87: SI for weekend. ECTD \$1,415,827.00
- 3-8-87: SI for Sunday. ECTD \$1,415,827.00

Vic Brown 1-4A2
Duchesne County, Utah
Section 4 - T1S - R2W
AFE Cost \$

3-9-87: RU NL McCullough to perforate. Install full lubricator. Pressure test casing, BOP, and lubricator to 3000 psi for 10 minutes. OK. Perforated the following with 3-1/8" HSC casing guns 2 SPF on 120" phasing:

16725-734	16458-466
16706-714	16392-406
16670-680	16350-3 <b>57</b>
16586-596	16225-276
16530-556	16205-218
16474-482	

Made 7 runs. All shots fired. No pressure during or after perforating. RU and RIH Baker 5" FAB Packer, 3-1/2" X 6' Millout Extens., 2-7/8" x 6' N-80 Tubing Sub, 2.25 I.D. 'F' Nipple, 2-7/8" x 4' N-80 Tubing Sub, 1.87" I.D. 'F' Nipple, 2-7/8 x 4' H-80 Tubing Sub, Model 'K' expendable check. Set packer at 16145'. RD NL McCullough. Plotted perfs on Schlum DI/GFL 2/11/87. Correlated onto Schlum. VDL/CBL 2/22/87. ECTD \$1,434,627.00.

- 3-10-87: RU Hydrotest. Hydrotest in hole to 9000 psi with seal assembly and 200 jnts, 2 7/8" tubing. SIFN. ECTD \$1,436,112.
- 3-11-87: Continue Hydrotesting in hole to 9000 psi. E.O.T. at 12,000'. SIFN. ECTD \$1,438,882.
- 3-12-87: Finish Hydrotesting in hole with 2 7/8" 1-80 8rd tubing. Space out and stung into Mdl. FAB packer at 16145 in 24000 lb. compression. ND BOP. NU well head. Fill annulus. Press test to 3000 psi. OK. Drop ball down tubing. Waited 1 1/2" hr. Attempt to pump out expendable check at 5000 psi. No bleed off. Waited 1 hr. Repeat. No bleed off. SIFN. ECTD \$1,441,435.
- 3-13-87: RU Gearhart. RIH to check for 1 1/2" ball in expendable check. Found obstruction in tubing at 700'. Chased obstruction thru collars to 2700'. Came free. Found ball in check at 16,173'. POOH. RU Halliburton. Install tree saver. Pump out expendable check at 8200 psi. Pumped 20 bbl. brine water down tubing at 1.5 BPM. Final pressure 5500 psi. RD Halliburton. Rigged to swab. Swabbed down to 11300' in 9 runs. SIFN. ECTD \$1,446,960.
- 3-14-87: Swabbing. Initial fluid level 9200'. Swabbed well down to 13500 in 7 runs. Got 900 ft/hr. entry. SIFN. ECTD \$1,447,715.
- 3-15-87: SI for Sunday.
- 3-17-87: TD 16,805' (PBTD 16,780' RU Smith Energy to acidize Press annulus to 2000 psi and lost press. Csg on vacuum. Pmp'd 60 bbl brine wtr dwn tbg. Estab circ. RD Smith. ND wellhead. NU BOP. Unlatch seal assbly. POOH w/2-7/8" tbg and seal assbly. Found collapsed joint at 14,800'. Cont'd working 24 hours.

DW-DUCHESNE-PZL-VIC BROWN 1-4A2
PZL PC 49.34081% - PD 17.000°
Section 4 - T1S - R2W offland Rig #60
Total AFE Cost \$1,670,000.00.

- 3-17-87: TD 16,805' (PBTD 16,780') Acidize low wasatch. RIH with new seal assembly, 2.313" 'F' Nipple, and 16120' 2 7/8" tubing. Landing tubing in 25000 lb. compression. Press. test annulus to 2000 psi. OK Swab down to 9000'. RU Smith Energy. Install tree saver. Test lines to 11500 psi. Pump 25000 gal. 50/50 15% HCL and 7 1/2% gelled acid in 4 alternating stages. Dropped 800 ball sealers evenly thru acid. Flushed with 2% KCL water. Average rate and pressure: 4.2 BPM at 9900 psi. Max rate and pressure: 5.0 BPM at 10000 psi with 291 bbl. acid gone. Held 2000 psi on annulus after tubing was filled. ISIP: 9200 psi. 5 min. SIP: 9100 psi. 10 min SIP: 9000 psi 15 min SIP: 8900 psi. RD Smith. Flow well approx. 1/4 BPM gassy water. Leave open to frac. tank over night. ECTD \$1,476,432.
  - 3-18-87: TD 16,805' (PBTD 16,780') Left open to test tank overnight. Flow 75 bbl. water. Rig to swab. Swabbed well down to 13,500' in 14 runs. Waited 1 hr. between runs 14-16 800 ft. gassy water entry per hour. Flowed and swabbed 236 bbl. water in 24 hours. 534 bbl. load to recover. Left open to test tank on. ECTD \$1,476,966.
    - 3-19-87: TD 16,805' (PBTD 16,780') Left open to test tank. Initial fluid level 7600'. Swabbed well down to 13500' with 5 runs. Waited 1 hour between runs 5 thru 10. 500 ft./hr. entry. Recovered 52 BW. 482 bbl load to recover. Left open to test tank overnight. ECTD \$1,477,891.
  - 3-20-87: TD 16,805' (PBTD 16,780') Prepare to perforate stage II. RD swab. ND wellhead. NU BOP. Release seal assembly. POOH with 524 jnts 2 7/8" tubing. SIFN. ECTD \$1,477,112.
  - 3-21-87: SI for weekend.
  - 3-22-87: SI for weekend.
  - 3-23-87: TD 16,805' (PBTD 16,780') Perforating stage II. RU OWP. RIH and set CIBP at 16,142. POOH. Install lubricator with first perf. gun. Pressure test CIBP, casing, BOP and lubricator to 3000 psi. OK. Perforated stage II perfs 14658 16138 (46 zones, 530', 1060 holes) in 13 runs with 3" HSC select fire casing guns 2 SPF on 120 degrees phasing. No pressure change throughout perforating. RIH and set Baker 'FAB' packer at 14615 with millout extension, 2 7/8" x 6' tubing sub, 2.25" 'F' Nipple, 2 7/8" x 4' sub, 1.87" F-Nipple, 2 7/8" x 4' sub, expendable check valve. Continue working 24 hours. ECTD \$1,505,351.
  - 3-24-87: TD 16,805' Hydrotest in hole to 9000 psi with seal assembly, 'F' nipple, and 385 jnts, 2 7/8" tubing. E.O.T. at 11,742'. SIFN. ECTD \$1,507,771.

DW-DUCHESNE-PZL-VIC BROWN 1-4A2
PZL PC 49.34081% - PI 7,000'
Section 4 - T1S - R2W Loffland Rig #60
Total AFE Cost \$1,670,000.00.

- 3-25-87: TD 16,805' Finish hydrotesting tubing to 9000 psi. Latch into packer and land tubing in 22000 lb. compression. Pressure test annulus to 2000 psi. OK. Drop ball to seat in expendable check. RU Dowell. Install tree saver. Hold 2000 psi on annulus. Pump out expendable check at 5600 psi. Pumped 15 bbl. 10# brine at 6400 psi. RD Dowell Rig to swab. Swabbed well down to 10,400' in 9 runs. 300-500 ft./run entry. Swabbed 2 BO/88 BW in 4 hours. SIFN. ECTD \$1,512,341.
- 3-26-87: TD 16,805' Preparing to acidize. 12 hour SITP: 500 psi. RU to swab. Initial fluid level 5000 psi. Swabbed well down to 13500 ft in 10 runs. Waited 1 hour between runs 10 thru 13. Got 700 ft/hr entry. Recovered 6 B0/68 BW in 8 hours. SIFN. Will acidize in AM. ECTD \$1,513,441.
- 3-28-87: 17 hour SITP: 600 psi. Moved in and RU Smith Energy Service. Installed tree saver and tested lines to 12000#. Acidized perfs 14,658' 16,138' with 30,000 gals/50%/50% 15% and 7 1/2% Hcl acid with 10 lb/1000 gal Sga, 10 gal/1000 gal Erythorbic acid, 3 gal/1000 gal non-emulsifier 2 gal/1000 scale inhibitor, and 2 gal/1000 gal Corrosion inhibitor 15000 RCN ball sealers dropped evenly through acid in the following stages:

 Stage #1
 7500 gal
 15% Hcl
 with 375 ball sealers

 Stage #2
 7500 gal
 7 1/2% Hcl
 with 375 ball sealers

 Stage #3
 7500 gal
 15% Hcl
 with 375 ball sealers

 Stage #4
 7500 gal
 7 1/2% Hcl
 with 375 ball sealers

 with 375 ball sealers
 with 375 ball sealers

Flush with 2% KCL H20 with 2 lbs/1000 gal friction reducer, avg treating pressure 10150 avg rate 8.1 bbls/min max treating pressure 10500 max rate 9.2 bbls/min ISIP 8300 1 min 8300 5 min 8270 10 min 8200 15 min 8190 job complete at 3:30 PM on 3-27-87 opened well to pit on ajustable choke flowed well for 15 hours 67:00 AM FTP 20# on 1" choke flowing gas with trace of oil & water PH-5 total fluid recovery in 15 hours 234 bbls. TWTR 826 bbls TWR 234 bbls. ECTD \$1,539,901.

- 3-29-87: Flowed well to pit & tank battery for 24 hours at 7:00 AM. FTP 30# on 1" choke, flowing heads of oil & gas 24 hour recovery 18 bbls oil & 64 BW. TWTR 826 Bbls TWR 298 Bbls. ECTD \$1,541,237.00
- 3-30-87: Flowed well to pit on 24 hour test flowing on 1" choke flowing heads of gas, oil & water 24 hours 40 bbls/water 29 bbls oil, FTP 30#. TWTR 826 BBls TWR 338 BBls. ECTD \$1,542,237.00
- 3-31-87: Flowed well to pit on 24 hour test flowing on 1" choke flowing heads of gas, oil & water. Flowed 37 bbls/water, 35 bbls oil, Attempted to run swab. Unable to get past 1000' due to paraffin in tubing. ECTD \$1,543,731.00

DW-DUCHESNE-PZL-VIC BROWN 1-4A2 PZL PC 49.34081% - PD 17,000' Section 4 - T1S - R2W - Loffland Rig #60 otal AFE Cost \$1,670,000.00.

- 4-1-87: Swabbing. Initial fluid level 600 ft. Swabbed well down to 13,500' in 14 runs. Waited 1 hour between runs 14 thru 18. Got 700 ft/hr entry. Swabbed 25 BO/40 BW in 10 hours. SIFN. ECTD \$1,546,431.00
- 4-2-87: Swab test. Initial fluid level 6000 ft. Swabbed well down to 13,500' in 10 runs. Waited 1 hour between runs 10 thru 13. Got 700 ft/hr entry. Received orders to POOH. ND wellhead. NU BOP. Sting out of packer. Start out with 2 7/8" tubing. SIFN. ECTD \$1,547,951.00
- 4-3-87: Circ. 10 ppg. brine water in well to kill. POOH with 473 jnts 2 7/8" tubing and seal assembly. RIH with 4 1/8" packer plucker, shoe, and jnk basket on 337 jnts 2 7/8" tubing. SIFN. ECTD \$1,549,801.00
- 4-4-87: Circ. gas out. RIH with remaining 2 7/8" tubing. Tag packer. RU power swivel. Milled on packer for 4 hours. Wore out shoe after making ± 2 ft. (Need 2 1/2" ft.) Attempted to safety out of packer for 1 hour. Would not safety. Attempted to burn off teeth from bottom of plucker for 1 hour. SIFN. ECTD \$1,552,851.00
- '-5-87: SI for Sunday. ECTD \$1,552,851.00
- 4-6-87: Continue working tubing. Torque right and pick up. Came free. POOH with tubing, mill shoe, and packer plucker. Found Mandrell of packer on plucker. RIH with 4-1/8" mill shoe on 290 joints 2-7/8" tubing. SIFN. ECTD \$1,554,086.00
- 4-7-87: RIH with remaining 130 jnts, 2 7/8" tubing. Tag fish at 14,615'. RU power swivel. Turned on fish 10 min. Fell thru. Chase fish to 16,118'. POOH with 2 7/8" tubing and mill shoe. SIFN. ECTD \$1,555,861.00
- 4-8-87: RU OWP to perforate Stage 3. RIH and set CIBP at 14646'. Dump bail 2 sx. cement on CIBP. Pressure test CIBP, casing, BOP, and lubricator to 3000 psi. OK. Perforate the Wasatch 13706'-14620' (33 intervals; 491 ft. 491 holes) in 14 runs with 3 1/8" HSC casing guns 120 degree phase 1 SPF. (Plotted perfs on Schlum. DIL of 2/11/87, correlated with Schlum CBL 2/22/87). Saw no pressure runs 1 thru 3. Got 200 psi after run 3. RIH and set Baker Mdl 'FAB' packer with standard tailpipe assembly at 13,650'. RD OWP. SIFN. ECTD \$1,579,936.00

- 4-9-87: RU Hydrotester. Hydrotest in hole to 9000 psi. with seal assembly, 2.313" 'F' nipple and 382 jnts., 2 7/8" tbg. Stop to swab. SIFN. EOT @ 11,650'. ECTD \$1,582,106.00
- 4-10-87: Finish Hydrotesting 2 7/8" tubing. Sting into packer and land tubing in 25000 lb. compression. ND BOP. NU wellhead. Pressure test annulus to 2000 psi. O.K. Drop ball. Waiter 1 hour. Pump out expendible check at 5000 psi. Rigged to swab. Swabbed to 9400 psi in 6 hours. Went to 20% oil on 8th run. Swabbed 15 BO/80 BW in 6 hours. SIFN. ECTD \$1,585,376.00
- 4-11-87: ONSIP 300 psi. Initial Fluid level 4000 ft. Swabbed down to 13500 ft. in 12 runs. Waited 1 hour between runs 12 to 15. Got 1000 ft./hr entry. Swabbed 35 BO/50 BW in 8 1/2" hours. SIFN.
- 4-12-87: SI for Sunday.

Ferm 3160-5 (November 1983) (Formerly 9-331)	UNITED STATES DEPARTME OF THE IN BUREAU OF LAND MANAG	SUBMIT IN TRIPLICATE (Other lostruction relation research)  EMENT	5. LEASE DESIGNATION AND SERIAL NO.
SUND (Do not use this fo	ORY NOTICES AND REPOOR FOR PERMIT—" for PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPER	RTS ON WELLS or plug back to a different reservoir. or such proposals.)	6 IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL X GAS WELL Z. NAME OF OPERATOR  PENNZOIL EXPL  3. ADDRESS OF OPERATOR  P.O. BOX 2967	ORATION AND PRODUCTION CO., HOUSTON, TX. 7725	JUL 3 0 1990  JUL 3 0 1990  OIL, GAS & LEMING	7. UNIT AGREEMENT NAME  VIC BROWN  VIC BROWN  1-4A2  10. FIELD AND POOL, OR WILDCAT BLUEBELL  11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA  SEC. 4 T1S R2W  12. COUNTY OR PARISH 13. STATE
API NO. 43-013	<u>and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second </u>		DUCHESNE UTAH
16.	Check Appropriate Box To Indi	cate Nature of Notice, Report, or	Other Data QUENT REPORT OF:
proposed work. If we nent to this work.) *  THIS WELL WAS  OF OPERATIONS	ompleted operations (Clearly state all vell is directionally drilled, give subsurfices SHUT-IN 7-21-90 FOR AN AT THE GARY GAS PLANT I	pertinent details, and give pertinent date	PENNZOIL WILL RESUME
18. I hereby certify that th	e foregoling is true and correct		OIL AND GAS  DEN RUF  JEB GLH  DIS SLS  J-DANE  J-MICROFILM  J FILE
signed Jes	1 Willing TITL	PETROLEUM ENGINEER	ратю 7-26-90
(This space for Federal  APPROVED BY CONDITIONS OF APPR	TITL	B	DATE

# STA OF UTAH

DEPARTMENT NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING					6. Lease desig	gnation and Serial Number		
						7. Indian Allott	tee or Tribe Name	
Do no	SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, deepen existing well, or to reenter plugged and abandoned wells,  Use APPLICATION FOR PERMIT - for such proposals					8. Unit or Com	nmunitization Agreement	
Type of Well  X Oil Well  Gas well  Other (specify)						9. Well Name Vic B	and Number rown 1-4A2	
Name of Ope	erator zoil Exploration and Pro	ductio	n Company				10. API Well N 43-01	lumber 3-30011-00
Address of C	Operator Box 290 Neola, Utah		84053			4. Telephone 801-353-4397	11. Field and F Blueb	Pool, or Wildcat Dell
Location of \	Vell							
Footage	: 1338' FS					County :	Duchesn	е
***********	т., R., м. : Sec. <b>4,</b> Т	**********			200000000	State :	Utah	
CH	HECK APPROPRIATE	BOXE	S TO INDICATE NAT	URE OF	NO			
	NOTICE OF (Submit in Dup		-				EQUENT Formit Orginal Form	
	Abandonment		New Construction		Aba	andonment *		New Construction
一	Casing Repair		Pull or Alter Casing		Ca	sing Repair		Pull or Alter Casing
一	Change of Plans		Recompletion		Ch	ange of Plans		Shoot or Acidize
声	Conversion to Injection	X	Shoot or Acidize		Со	nversion to Injection		Vent or Flare
一	Fracture Treat		Vent or Flare		Fra	cture Treat		Water Shut-Off
	Multiple Completion		Water Shut-Off		Oth	ner		
	Other			Date o	of W	ork Completion		
	<del></del>			Report re	sults o	f Multiple Completion and Recon	npletion to differ	ent reservoirs

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface location and measured and true vertical depths for all markers and zones pertinent to this work.)

Late Summer 1993

Plan to set CIBP at 14,750' to exclude Wasatch perfs 14,754-16,138' and acidize remaining Wasatch perfs 13,706-14,688' with 50,000 gallons 15% HCL.

> APPROVED BY THE STATE AUG\_U 6 1993 DIVISION OF OIL GAS & MINING

on WELL COMPLETION OR RECOMPLETION AND LOG form

\* Must be accompanied by a cement verification report.

14. I hereby certify that the fore	going is true and correct	$\overline{}$	b /	11.				
Name & Signature	Jess Dullnig (	Loss	Vul	lug	Title	Petroleum Engineer	Date	5-Aug-93
		//					<del></del>	

Approximate Date Work Will Start



P.O. Box 290 Neola, Utah 84053 (801) 353-4397

**September 17, 1993** 

State of Utah, Department of Natural Resources Division of Oil, Gas, and Mining 355 West North Temple 3 Triad Center; Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL, GAS & MINING

SEP 2 0 1993

Sundry Notices And Reports On Well

Vic Brown 1-4A2 1338' FSL & 1165' FEL

Sec. 4 T1S R2W Duchesne County, Utah API # 43-013-30011-00

Gentlemen:

RE:

The original and two copies of the Sundry Notices And Reports On Well for subject well are enclosed for your review and records.

Pennzoil Exploration and Production Company requests that this Notice and all related information submitted on this well be held confidential for that period of time permitted by regulations and law.

If you should require additional information, please call Pennzoil Production Office in Neola, Utah, at (801) 353-4397.

Sincerely

Pennzoil Exploration and Production Company

Danny L. Laman

Area Drilling Foreman

Enclosure

### OF UTAH OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

6. Lease designation and Serial Number
FEE
7. Indian Allottee or Tribe Name
NA
8. Unit or Communitization Agreement NA
9. Well Name and Number
Vic Brown 1-4A2
10. API Well Number
43-013-30011-00
11. Field and Pool, or Wildcat
Bluebell / Wasatch
DUCHESNE

							7. Indian Allo	ttee or Tribe Name	
SUNDRY NOTICES AND REPORTS ON WELLS							N	<b>IA</b>	
	Do not use this form for proposals to drill new wells, deepen existing well, or to reenter plages and the doubt wells.  Use APPLICATION FOR PERMIT - for such proposals.					888	mmunitization Agreement		
		COL.TQ.				<b>410</b>			
1.	Type of Wel		7		SE	P 2 0 1993	9. Well Name		
	X Oil	Well Gas well	Other (sp	ecify)			Vic I	Brown 1-4A2	
2. 1	Name of Op		•			ISION OF	10. API Well N		
_		zoil Exploration and P	roducti	on Company	OIL, G	AS & MINING	<del></del>	-30011-00	
3. 1	Address of C P.O.	Derator Box 290 Neola, Utal	1	84053		801-353-4397	l .	bell / Wasatch	
5. I	5. Location of Well								
	Footage			& 1165' FEL		County :	DUCHE	CSNE	
12	QQ, Sec,			S R2W U.S.B.&M.	THE HOLES AND	State : NOTICE, REPORT, OI	UTAH	TVATVA	8888
230	U	NOTICE OF			OKL OF		EQUENT F		<u></u>
		(Submit in Dup				(Submit Orginal Form Only)			
		Abandonment		New Construction		Abandonment *		New Construction	
		Casing Repair		Pull or Alter Casing		Casing Repair	$\Box$	Pull or Alter Casing	
		Change of Plans		Recompletion		Change of Plans	X	Shoot or Acidize	
		Conversion to Injection		Shoot or Acidize		Conversion to Injection		Vent or Flare	
		Fracture Treat		Vent or Flare		Fracture Treat	$\Box$	Water Shut-Off	
		Multiple Completion		Water Shut-Off		Other			
		Other			Date o	f Work Completion	V <sub>Sept. 1,</sub>	1993	
					Report res	sults of Multiple Completion and Recomp	pletion to different	t reservoirs	
	Approxi	imate Date Work Will Start			on WELL	COMPLETION OR RECOMPLETION	AND LOG form		

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled give subsurface location and measured and true vertical depths for all markers and zones pertinent to this work.)

- MI & RU service rig and pull production equipment.
- Set 5" CIBP @ 14,800' and isolate perforation from 14,850' 16,138'
- Test 7" casing to 1000 psi. O.K.
- Perforate well from 11,621' 14,710'; 135 net feet for 270 holes.
- Acidize well with 60,000 gal of 15% HCL acid plus additives.
- Place well back on rod pumping production.
- Work was performed from Aug. 25, 1993 to Sept. 11, 1993.

					1990
14 11					
14. I hereby certify that the f	oregoing is the and correct				
Name & Signature	Stanne L Kumin	Title	AREA DRLG. FOREMAN	Date	9/17/93
	DANNYLLAMAN			_	

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

to any matter within its jurisdiction.

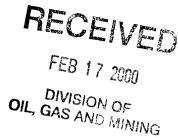
SUNDRY NOTICES AN	D REPORTS ON WELLS	Lease Designation and Serial No.     FEE
Do not use this form for proposals to	o drill or deepen or reentry to a different reservoir. R PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name
SUBMIT II	N TRIPLICATE	7. If unit or CA, Agreement Designation
Type of Well      Gas well  Other		8. Well Name and No.
2. Name of Operator		Vic Brown 1-4A2
PENNZENERGY COMPANY		9. API Well No. 3DOI
3. Address and Telephone No. P. O. BOX 290 NEOLA, UTAH 840	053 435-353-4121	43-013- <del>300</del> 1-00 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Des		BLUEBELL
1336' FSL 1165' FEL Section	4 T1S R2W	11. County or Parish, State  DUCHESNE, UTAH
12 CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REPORT, O	DR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	X Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water (Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form.)
	ate all pertinent details, and give pertinent dates, including estimated date of starting any pr I true vertical depths for all markers and zones pertinent to this work)	roposed work. If well is directically
Work done 2-10-99 to 3-10-99		
Test 7" casing from 9396 to s Test liner top, swabs water. Ac Isolate liner top with a straddle Return to production.	idize existing perforations 11621-14766' with 4000 ga	
	VIL	1 JUL - 6 1999
7	Va	DIV. OF OIL, GAS & MINION
14. I hereby certify that the foregoing is true and correct Signed John Pulley	тіше Sr. Petroleum Engineer	Date 7/1/99
(This space of Federal or State office use.)		
Approved by	Title	Date
Conditions of approval, if any:		
Title 18 U.S.C. Section 1001, makes it a crime for any person	knowingly to make to any department of the United States any false, fictitious or frauduler	nt statements or representations as



### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

**Utah State Office** P.O. Box 45155 Salt Lake City, UT 84145-0155



FEB 1 6 2000

In Reply Refer To: 3106 U-0575A et al (UT-932)

#### NOTICE

Devon Energy Production Company L.P. 20 North Broadway, Suite 1500

Oil and Gas U-0575A et al

Oklahoma City, Oklahoma 73102-8260

### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the merger by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511

U-4377

UTU-67943

U-0143512

U-4378

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

/a/ Robert Lopez

Robert Lopez Chief, Branch of Minerals Adjudication

Enclosure

**Exhibit** 

cc: Vernal Field Office (w/encl.)

Moab Field Office (w/encl.)

MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.) State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.)

Teresa Thompson (UT-931) (w/encl.) Irene Anderson (UT-932) (w/encl.) LaVerne Steah (UT-942) (w/encl.)

### **Exhibit of Leases**

U-0575A	U-0141459	U-4377
U-01188B	U-0143511	U-4378
U-016654	U-0143512	U-16131
U-0115614A	U-0144868A	U-31262
U-0115615	U-3099	U-44426
U-0126825	U-3575	UTU-67943
U-0141454	UTU-74888	

### **Communitization Agreements**

U-58774	U-58835	U-60827
U-58799	U-58839	U-60831
U-58830	U-58844	U-68998
U-58834	11-58854	



### United States Department of the Interior

### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-4377 UTU-66485 (UT-932)

MAR 2 6 1999

NOTICE

PennzEnergy Exploration and Production L.L.C. P.O. Box 2967

Houston, TX 77252-2967

Oil and Gas

#### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 29 91 (BLM Bond No. NM0043). The principal/obligor is also automatically changed from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENL J. AND SROOM

Irene J. Anderson Acting Group Leader, Minerals Adjudication Group

CC:

Moab Field Office Vernal Field Office

MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217

State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801 Teresa Thompson (UT-931)



### United States Department of the Interior

### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-0115615 et al (UT-932)

MAR 2 6 1999

NOTICE

PennzEnergy Company P.O. Box 2967 Houston, TX 77252-2967

Oil and Gas

#### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENL GARDING GO

Irene J. Anderson Acting Group Leader, Minerals Adjudication Group

Enclosure

**Exhibit** 

cc:

Moab Field Office Vernal Field Office

MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217

State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801

Teresa Thompson (UT-931)

### Devon Energy Production Company, L.P.

### FILED

### DEC 3 0 1999

# OKLAHOMA SECRETARY

#### Certificate of Merger

TO:

The Oklahoma Secretary of State

101 State Capitol

Oklahoma City, Oklahoma 73105

OF STATE

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

Name of <u>Organization</u>	Type of Organization	Jurisdiction of Formation
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

- An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.
  - 3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

- The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.
- The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.
- A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge

MAR 13 2000

**DIVISION OF** OIL, GAS AND MINING DATED as of the 30th day of December, 1999.

Devon Energy Management Company, L.L.C. General Partner

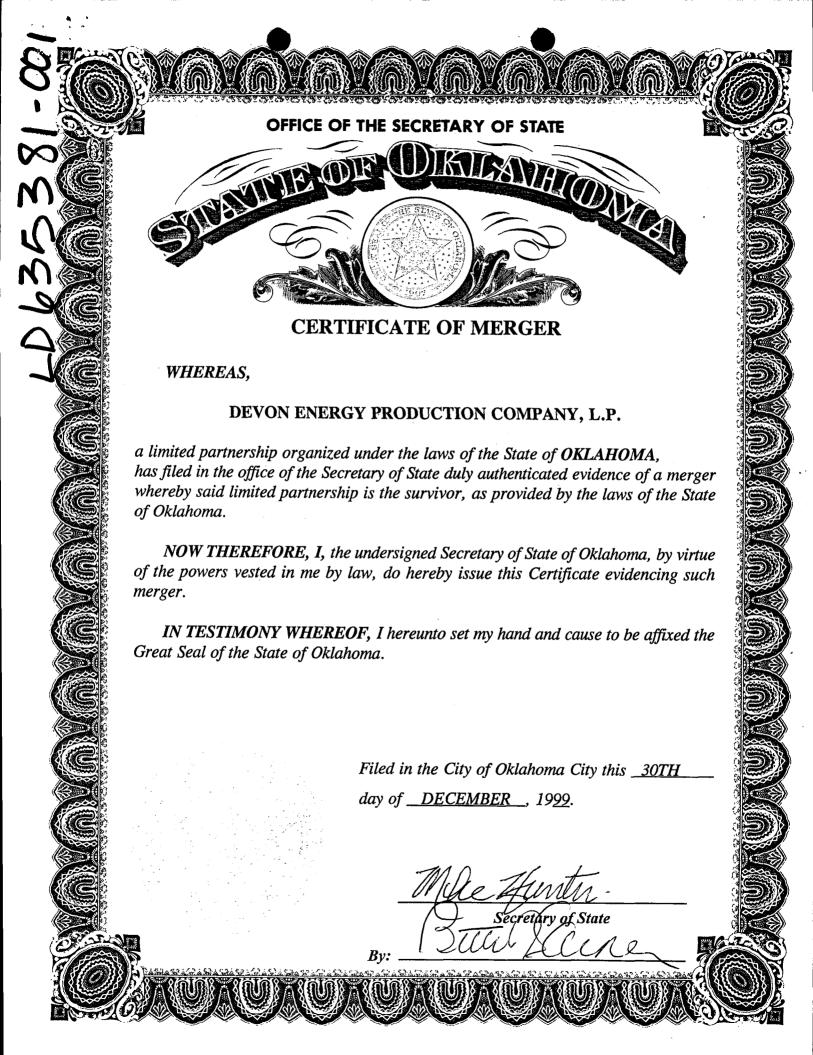
By:

J. Larry Nichola, Manage

### **RECEIVED**

MAR 1 3 2000

DIVISION OF OIL, GAS AND MINING.



(7/93)

### DESIGNATION OF AGENT OR OPERATOR

<del></del>	DESIGNATION	ON OF AGENT	OR OPERATOR
The unders	signed is, on record, the holder of oil and	l gas lease	
	NAME: As per the attached sp	•	
LEASE N	NUMBER:		
and hereby	designates		
NAME: _	Devon Energy Production Comp	eny, L.P.	
ADDRES	S: 20 North Broadway, Suite	1500, Oklahoma	City, OK 73102-8260
applicable in	hereto and on whom the Division Directo	or or Authorized Ac	omplying with the terms of the lease and regulations gent may serve written or oral instructions in securing solural Rules of the Board of Oil, Gas and Mining of the
Опесное астенда	to which this designation is applicable, and identify each applicable	e oil and gas well by name and	API number. Attach additional pages as needed.)
See	attached spreadsheet.		
Note	: Please use April 1, 2000 as	the starting	date for production reporting purposes.
		F	RECEIVED
			APR 2 0 2000
		o	DIVISION OF IL, GAS AND MINING
of the lease and State of Utah. in the lease, in case of define the same terms of the same terms of the same terms of the same terms.	nd the Oil and Gas Conservation Genera It is also understood that this designatio	If Rules and Proced in of agent or opera operator, the lesse ning of the State of	·
Effective Date	e of Designation: January 1, 2000		
3Y: (Name) (Signature)	R. D. Glark	OF: (Company	PennzEnergy Exploration and Production Company, L.L.C. 20 North Broadway, Suite 1500
(Title)	Vice President		Oklahoma City, OK 73102-8260
(Phone)	405-235-3611		



ARR 20 2000

# <u>DEVON ENERGY PRODUCTION COMPANY, L.P.</u> <u>UTAH PROPERTIES</u>

DWSONOF OIL OKSANDMINING

						LEASE NO. /
	API NO.	WELL NAME & NO.	. LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
1	4301330005	CLYDE MURRAY 1-2A2	SESW-2-1S-2W	DUCHESNE	BLUEBELL	
2	4301330006	STATE 1-10A2	SWNE-10-1S-2W	DUCHESNE	BLUEBELL	
3	4301330009	VIRGIL MECHAM 1-11A2	W/2NE-11-1S-2W	DUCHESNE	BLUEBELL	96107
4	4301330011	VICTOR C BROWN 1-4A2	NESE-4-1S-2W	. DUCHESNE	BLUEBELL	
5	4301330017	DOUG BROWN 1-4A2	SENW-4-1S-2W	DUCHESNE	BLUEBELL	
6	4301330030	CHASEL 1-18A1	NWNE-18-1S-1W	DUCHESNE	BLUEBELL	9628
7	4301330031	OLSEN 1-12A2	SWNE-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
_8	4301330035	BOREN 1-14A2	NWSW-14-1S-2W	DUCHESNE	BLUEBELL	NW498
9	4301330042	UTE 2-12A3	NESW-12-1S-3W	DUCHESNE	BLUEBELL	1420H621576 Terminated 8-3-93
10	4301330086	L BOREN U 3-15A2	NESW-15-1S-2W	DUCHESNE	BLUEBELL	
11	4301330099	LAMICQ URRUTY U 3-17A2	NWSE-17-1S-2W	DUCHESNE	BLUEBELL	
12	4301330107	L BOREN U 5-22A2	SWNE-22-1S-2W	DUCHESNE	BLUEBELL	
13	4301330115	L BOREN U 4-23A2	SENW-23-1S-2W	DUCHESNE	BLUEBELL	
14	4301330119	VERL JOHNSON 1-27A2	SWNE-27-1S-2W	DUCHESNE	BLUEBELL	
15	4301330120	TOMLINSON FED 1-25A2	SENW-25-1S-2W	DUCHESNE	BLUEBELL	NW537
16	4301330123	L BOREN U 6-16A2	NWSE-16-1S-2W	DUCHESNE	BLUEBELL	
17	4301330125	UTE 3-18A2	NESW-18-1S-2W	DUCHESNE	BLUEBELL	1420H621750
18	4301330130	WOODWARD 1-21A2	SWNE-21-1S-2W	DUCHESNE	BLUEBELL	NW590
19	4301330133	LAMICQ 1-20A2	SWNE-20-1S-2W	DUCHESNE	BLUEBELL	
20	4301330136	UTE 1-6B3	NWNE-6-2S-3W	DUCHESNE	ALTAMONT	14204621778 / 9651
21	4301330142	SMITH UTE 1-18C5	NWNE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
22	4301330143	MAUREL TAYLOR FEE 1-36A2	NESW-36-1S-2W	DUCHESNE	BLUEBELL	
23	4301330200	L ROBERTSON ST 1-1B2	NESW-1-2S-2W	DUCHESNE	BLUEBELL	
24	4301330212	LAMICQ UTE 1-5B2	NWSE-5-2S-2W	DUCHESNE	BLUEBELL	1420H621806 / 9683
25	4301330236	CAMPBELL UTE ST 1-7B1	SENW-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
26	4301330245	SMITH ALBERT 1-8C5	SENE-8-3S-5W	DUCHESNE	ALTAMONT	
27	4301330294	FRESTON ST 1-8B1	NESW-8-2S-1W	DUCHESNE	BLUEBELL	

### HECEIVED

APR 2 0 2000

# DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

DIVISION OF OIL, GAS AND MINING

	OIL, GAS AND					LEASE NO. /
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
28	4301330297	GEORGE MURRAY 1-16B1	SENW-16-2S-1W	DUCHESNE	BLUEBELL	
29	4301330307	UTE ALLOTTED 1-36Z2	NWSE-36-1N-2W	DUCHESNE	BLUEBELL	1420H621676 / 9C124
30	4301330347	LAMICQ URRUTY U 4-5A2	SENW-5-1S-2W	DUCHESNE	BLUEBELL	
31	4301330359	H G COLTHARP 1-15B1	SENW-15-2S-1W	DUCHESNE	BLUEBELL	
32	4301330369	STATE 3-18A1	NESW-18-1S-1W	DUCHESNE	BLUEBELL	9C142
33	4301330564	D L GALLOWAY 1-14B2	SWNE-14-2S-2W	DUCHESNE	BLUEBELL	
34	4301330807	MARGUERITE 2-8B2	SENW-8-2S-2W	DUCHESNE	BLUEBELL	96102
35	4301330809	LAMICQ 2-6B1	NWSE-6-2S-1W	DUCHESNE	BLUEBELL	
36	4301330821	DILLMAN 2-28A2	SWNE-28-1S-2W	DUCHESNE	BLUEBELL	
37	4301330903	HAMBLIN 2-26A2	SWNE-26-1S-2W	DUCHESNE	BLUEBELL	
38	4301330912	RACHEL JENSEN 2-16C5	NENW-16-3S-5W	DUCHESNE	ALTAMONT	
39	4301330921	ROBERTSON UTE 2-2B2	NENE-2-2S-2W	DUCHESNE	BLUEBELL	9682
40	4301330975	JOHN 2-3B2	NWNE-3-2S-2W	DUCHESNE	BLUEBELL	
41	4301330995	LAMICQ ROBERTSON STATE 2-1B2	SWNE-1-2S-2W	DUCHESNE	BLUEBELL	
42	4301331009	UTE 2-7A2	CNE-7-1S-2W	DUCHESNE	BLUEBELL	1420462811
43	4301331147	HATCH 2-3B1	SENW-3-2S-1W	DUCHESNE	BLUEBELL	
44	4301331151	NORLING 2-9B1	SWSW-9-2S-1W	DUCHESNE	BLUEBELL	
45	4301331184	SHAW 2-27A2	SESW-27-1S-2W	DUCHESNE	BLUEBELL	
46	4301331190	LAMICQ URRUTY 4-17A2	SENW-17-1S-2W	DUCHESNE	BLUEBELL	
47	4301331191	LAMICQ 2-20A2	SESE-20-1S-2W	DUCHESNE	BLUEBELL	
48	4301331192	BOREN 3-11A2	SWSW-11-1S-2W	DUCHESNE	BLUEBELL	96107
49	4301331203	FRESTON 2-8B1	SWNE-8-2S-1W	DUCHESNE	BLUEBELL	
50	4301331215	WISSE 3-35A2	SWSW-35-1S-2W	DUCHESNE	BLUEBELL	
51	4301331231	MECCA 2-8A2	SESE-8-1S-2W	DUCHESNE	BLUEBELL	
52	4301331232	MARK 2-25A2	NWNE-25-1S-2W	DUCHESNE	BLUEBELL	NW537
53	4301331233	DUNCAN 4-12A2	SWNW-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
54	4301331235	SWYKES 2-21A2	NWNW-21-1S-2W	DUCHESNE	BLUEBELL	NW590

### Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

 ROUTING

 1. GLH
 4-KAS

 2. CDW
 5-SJ

 3. JLT
 6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

04/20/2000

04/20/2000

Operator Name Change (Only)

The operator of the well(s) listed below has changed, effective:

**OPERATOR CHANGES DOCUMENTATION** 

(R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

(R649-8-10) Sundry or legal documentation was received from the NEW operator on:

X Merger

04-01-2000

FROM: (Old Operator):	<b>TO</b> : ( No	TO: ( New Operator):					
PENNZOIL COMPANY	DEVON ENERGY EXPL & PROD CO LLC						
Address: P. O. BOX 290	<del></del>		20 NO. BRO				
NEOLA, UT 84053	<del></del>	OKLAHO	MA CITY, OF	73102-82	60		
Phone: 1-(435)-353-4121		Phone: 1-	(405)-235-361				
Account No. N0705		Account	N1275		-		
	CA No.	Unit:		<del>, .</del>		_	
WELL(S)		····					
, ,	API	ENTITY	SEC. TWN	LEASE	WELL	WELL	
NAME	NO.	NO.	RNG	TYPE	TYPE	<b>STATUS</b>	
CLYDE MURRAY 1-2A2	43-013-30005	5876	02-01S-02W	FEE	OW	TA	
VICTOR BROWN 1-4A2	43-013-30011	5780	04-01S-02W	FEE	ow	P	
DOUG BROWN 1-4A2	43-013-30017	5840	04-01S-02W	FEE	ow	P	
LAMICQ URRITY U 4-5A2	43-013-30347	5845	05-01S-02W	FEE	OW	P	
L BOREN 3-15A2	43-013-30086	5755	15-01S-02W	FEE	OW	P	
L BOREN U 6-16A2	43-013-30123	5750	16-01S-02W	FEE	OW	P	
LAMICQ URRITY U 3-17A2	43-013-30099	5745	17-01S-02W	FEE	OW	P	
LAMICQ 1-20A2	43-013-30133	5400	20-01S-02W	FEE	GW	S	
L BOREN 5-22A2	43-013-30107	5900	22-01S-02W	FEE	OW	P	
L BOREN 4-23A2	43-013-30115	5905	23-01S-02W	FEE	OW	P	
HAMBLIN 2-26A2	43-013-30903	5361	26-01S-02W	FEE	OW	P	
VERL JOHNSON 1-27A2	43-013-30119	5390	27-01S-02W	FEE	OW	S	
DILLMAN 2-28A2	43-013-30821	5666	28-01S-02W	FEE	OW	P	
MAUREL TAYLOR FEE 1-36A2	43-013-30143	5525	36-01S-02W	FEE	OW	S	
FRESTON ST 1-8B1	43-013-30294	5345	02-02S-01W	FEE	OW	S	
LAMICQ 2-6B1	43-013-30809	2301	06-02S-01W	FEE	OW	P	
H G COLTHARP 1-15B1	43-013-30359	5945	15-02S-01W	FEE	OW	P	
GEORGE MURRAY 1-16B1	43-013-30297	5950	16-02S-01W		OW	P	
LAMICQ ROBERTSON STATE 2-1B2	43-013-30995		01-02S-02W		OW	P	
D L GALLOWAY 1-14B2	43-013-30564		14-02S-02W		OW	P	
SMITH ALBERT 1-8C5	43-013-30245		08-03S-05W		OW	P	
RACHEL JENSEN 2-16C5	43-013-30912	9895	16-03S-05W		OW	P	
JOHN 2-3B2	43-013-30975	5387	03-02S-02W	FEE	OW	P	

3.	The new company has been checked through the <b>Department of Commerce</b> , <b>Division of Corporations Database on:</b> 10/12/2000
4.	Is the new operator registered in the State of Utah:  YES  Business Number: 4549132-0143
5.	If NO, the operator was contacted contacted on:
6.	<b>Federal and Indian Lease Wells:</b> The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on:  02/16/2000
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on:  N/A
8.	<del></del>
9.	Underground Injection Control ("UIC") Pro; The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:  N/A
D	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on: 10/12/2000
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/12/2000
3.	Bond information entered in RBDMS on:
4.	Fee wells attached to bond in RBDMS on:
	State well(s) covered by Bond No.:
F	EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:
1.	(R649-3-1) The <b>NEW</b> operator of any fee well(s) listed has furnished a bond:  YES
2.	The <b>FORMER</b> operator has requested a release of liability from their bond on: The Division sent response by letter on:  10/03/2000  09/26/2000
3.	(R649-2-10) The <b>FORMER</b> operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:  10/17/2000
	All attachments to this form have been MICROFILMED on: 2 1 2 1
	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
C	DMMENTS:

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: VIC BROWN 1-4A2
2. NAME OF OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.	9. API NUMBER:
3. ADDRESS OF OPERATOR: PHONE NUMBER	4301330011  10. FIELD AND POOL, OR WILDCAT:
P.O. BOX 290 CITY NEOLA STATE UT ZIP 84053 (435) 353-	
FOOTAGES AT SURFACE: 1336 FSL 1165 FEL	COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 4 1S 2W 6	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE	E, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTIO	ON
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING  DEEPEN  DEEPEN  DEEPEN	REPERFORATE CURRENT FORMATION
Approximate date work will start:	SIDETRACK TO REPAIR WELL
NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE  CHANGE TUBING PLUG AND ARANDON	TUBING REPAIR
SUBSECUENT PEDOPT	VENT OR FLARE
(Submit Original Form Only)	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUM	
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	UTHER.
L. Account Life Street	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, department of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete of the complete	pths, volumes, etc.
MIRU, PULL PRODUCTION EQUIPMENT	
SET AN RBP AT 8500', USE PACKER TO ISOLATE A SHALLOW CASING LEAK. CEMENT SQUEEZE THE CASING LEAK, VOLUME AND PROCEDURE WILL DEFINITURE OUT AND TEST THE SQUEEZE TO 1000 PSI. PULL THE RBP AT 8500'. PULL A STRADDLE PACKER ASSEMBLY SET ACROSSWAB TEST AND ACIDIZE IF NECESSARY. RETURN TO PRODUCTION FROM EXISTING PERFORATIONS 11621-14766	
	RECEIVED
	AUG 1 6 2002
Copy sand to operation data: 8-19-02 stilled Chr	DIVISION OF OIL, GAS AND MINING
NAME (PLEASE PRINT) JOHN PULLEY TITLE SR. OPEN	RATIONS ENGINEER
SIGNATURE This fully DATE 8/14/2002	2
his space for State use only)  APPRO	VED BY THE STATE

OF UTAH DIVISION OF OIL, GAS, AND MINING

(See Instructions on Reverse Side) ATE

BY: DECEDOR

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

FOR	Μ	Ę
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		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE					
	SUNDRY	LS	6. IF INDIAN, AL	LOTTEE OR TRIBE NAME:			
Do	not use this form for proposals to drill n drill horizontal la	7. UNIT or CA AGREEMENT NAME:					
1. T	YPE OF WELL OIL WELL	<b>☑</b> G	AS WELL OTHER_			8. WELL NAME VIC BRO\	
	AME OF OPERATOR: EVON ENERGY PRODU	JCTION (	COMPANY, LP			9. API NUMBER 43013300	
3. A	ODRESS OF OPERATOR:	, NEOLA		84053	PHONE NUMBER: (435) 353-4121		POOL, OR WILDCAT: _L/WASATCH
4. L0	OCATION OF WELL						· · · · · · · · · · · · · · · · · · ·
F	DOTAGES AT SURFACE: 1336 F	SL 1165	FEL COMPANY			COUNTY: DL	JCHESNE
Q	TR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN	NWSE 4 1S 2	W 6		STATE:	UTAH
11.	CHECK APP	ROPRIAT	E BOXES TO INDICAT	E NATURE	OF NOTICE, REPO	RT, OR OTI	HER DATA
	TYPE OF SUBMISSION	<del> </del>			YPE OF ACTION		<u>.                                    </u>
	NOTICE OF INTENT	ACIDIZ		DEEPEN			FORATE CURRENT FORMATION
	(Submit in Duplicate)  Approximate date work will start:		R CASING	FRACTURE		=	ACK TO REPAIR WELL
	Approximate date work will start.		G REPAIR GE TO PREVIOUS PLANS	OPERATOR	TRUCTION	=	RARILY ABANDON REPAIR
			GE TUBING	PLUG AND		=	R FLARE
	SUBSEQUENT REPORT		GE WELL NAME	PLUG BAC		=	DISPOSAL
ت	(Submit Original Form Only)		GE WELL STATUS	_	` ON (START/RESUME)		SHUT-OFF
	Date of work completion:	1==	INGLE PRODUCING FORMATIONS		ION OF WELL SITE	OTHER:	
			ERT WELL TYPE	=	TE - DIFFERENT FORMATION	OITER.	
12.	DESCRIBE PROPOSED OR CO	MPLETED O	PERATIONS. Clearly show all p	ertinent details in	cluding dates, depths, volume	es, etc.	
			DUCTION EQUIPMEN		•		K ISOLATED LEAK
			WN 7" CASING @ 550				
8/2	22/02 TAGGED RBP @	8,250'. S	SET CEMENT RETAINE	ER @ 2.910'	ESTABLISHED IN	JECTION RA	ATE @ 4 BPM AT
10	00 PSI. CEMENT SQU	<b>EEZE BY</b>	PUMPING 10 BBLS 10	0% ČACL W	ATER, 5 BBLS FRES	SH WATER,	10 BBLS FLOCHEK, 5
			1 BBLS) "G" CEMENT 1.5 BPM, DISPLACED				
		•	,	_	, .5 BPW, FINAL PRE	200KE 20	0 F3I.
8/2	23/02 DRILL OUT CEMI	ENT RET	AINER & 105' CEMENT	Г ТО 3017'.			
8/2	26/02 RELEASE RBP F	ROM 825	0' & REMOVE STRADE	DLE PACKE	R ASSEMBLY FROM	1 10460' - 1 <i>°</i>	1450'.
8/2	9/02 SWAB TEST WAS	SATCH PI	ERFORATIONS.				
8/3	0/02 - 9/4/02 RUN PRO	DUCTIO	N EQUIPMENT, RETUI	RN TO PRO	DUCTION FROM 11	621' - 14766	PERFORATIONS.
NAM	E (PLEASE PRINT) GEORGE	GURR		TITL	<sub>E</sub> ASSISTANT FOR	REMAN	
MAN	E (FLEASE PRINT)				<u> </u>		
SIGN	ATURE Jason	بحز	<u> </u>	DAT	F 9-6-02		

RECEIVED

SEP 0 9 2002

(This space for State use only)

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

<b>ROUTING</b>
CDW

X - Change of Operator (Well Sold)				Operator Name Change/Merger						
The operator of the well(s) listed below has change			8/29/2014							
DEVON ENERGY PRODUCTION COMPANY L.P. N1275				TO: ( New Operator): LINN OPERATING INC N4115 1999 BROADWAY STE 3700						
OKLAHOMA CITY OK 73102-5015				DENVER CO		3700				
				303-999-4275						
CA No.				Unit:	N/A					
	SEC	TWN	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS		
See Attached List			<u> </u>		L		<u></u>			
OPERATOR CHANGES DOCUMENT. Enter date after each listed item is completed										
1. (R649-8-10) Sundry or legal documentation wa				-		9/16/2014	•			
2. (R649-8-10) Sundry or legal documentation wa				=		9/16/2014		10/0/0014		
<ul><li>3. The new company was checked on the <b>Departs</b></li><li>4a. Is the new operator registered in the State of U</li></ul>		oi Coi	mmerce	Business Numb	-	9031632-0143		10/8/2014		
5a. (R649-9-2)Waste Management Plan has been re		ed on:		Yes		7051052-0145	•			
<ul><li>5b. Inspections of LA PA state/fee well sites compl</li><li>5c. Reports current for Production/Disposition &amp; S</li></ul>				N/A 10/8/2014	- -					
6. Federal and Indian Lease Wells: The BL					merger, na	me change,				
or operator change for all wells listed on Federa	al or	Indian	leases o	on:	BLM	NOT YET	BIA	NOT YET		
7. Federal and Indian Units:	_									
The BLM or BIA has approved the successor		-				<u>N/A</u>	-			
8. Federal and Indian Communization Ag			•	•						
The BLM or BIA has approved the operator of					6 T	N/A				
9. Underground Injection Control ("UIC"				_			-			
Inject, for the enhanced/secondary recovery un DATA ENTRY:	ıı/pro	ојест то	or the w	ater disposai wei	ii(s) iistea o	n:	9/24/2014			
1. Changes entered in the Oil and Gas Database				10/8/2014	_					
<ol> <li>Changes have been entered on the Monthly Or</li> <li>Bond information entered in RBDMS on:</li> </ol>	erat	or Cha	ange Sp			10/8/2014	•			
<ul><li>3. Bond information entered in RBDMS on:</li><li>4. Fee/State wells attached to bond in RBDMS on</li></ul>				10/8/2014 10/8/2014	•					
5. Injection Projects to new operator in RBDMS of				N/A	•					
6. Receipt of Acceptance of Drilling Procedures for	or Al	PD/Nev	w on:		-	10/8/2014	_			
7. Surface Agreement Sundry from NEW operator	on F	ee Sur	face we	lls received on:		9/16/2014	•			
BOND VERIFICATION:										
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> </ol>				NMB000501	•					
<ul><li>Indian well(s) covered by Bond Number:</li><li>3a. (R649-3-1) The NEW operator of any state/fe</li></ul>	e wel	ll(s) lis	ted cov	NMB000501 ered by Bond Nu	umher	LPM9149893				
3b. The <b>FORMER</b> operator has requested a release					N/A	LI 1017147075				
LEASE INTEREST OWNER NOTIFIC			, nom t	den bond on.	11/11	-				
4. (R649-2-10) The <b>NEW</b> operator of the fee wells			ontacted	l and informed b	y a letter fro	om the Division				
of their responsibility to notify all interest owner					10/8/2014					
COMMENTS:										

# Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range AP		Entity	Mineral	Well	Well
				Number		Lease	Type	Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	Α
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	Α
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	Α
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	Α
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	ow	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	ow	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW.	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	ow	P
L BOREN U 3-15A2	15	010S	020W	4301330017	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	ow	P
L BOREN U 5-22A2	22	010S	020W	4301330099	5900	Fee	ow	P
L BOREN U 4-23A2	23	010S	020W	4301330107	5905	Fee	ow	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330113	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330120	5665	Fee	OW	P
and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	20	0105	020W	4301330130	5400	Fee	GW	P
LAMICQ 1-20A2 L RBRTSN ST 1-1B2		010S 020S			+		OW	P
	1		020W	4301330200	5410	State		P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW_	
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW_	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903		Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	ow	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW_	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	ow	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	ow	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	ow	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	ow	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	ow	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	ow	P
MCELPRANG 2-30A1	30	010S	010W	4301331326		Fee	ow	P

# Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range A	P API	Entity	Mineral	Well	Well
		-		Number		Lease	Type	Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	ow	P
LORANGER 6-22A2	22	0108	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	ow	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	ow	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	ow	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	ow	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W		5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	ow	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	ow	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	ow	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8 WELL NAME and NUMBER TYPE OF WELL OTHER See Attached Well List GAS WELL OIL WELL See Attached Well List 2. NAME OF OPERATOR: API NUMBER: LINN OPERATING, INC PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR ZIP 80202 Denver 1999 Broadway, Suite 3700 STATE CO (303) 999-4275 Bluebell/Altamont 4. LOCATION OF WELL COUNTY: Duchsene/Uintah FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION 1 NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON OPERATOR CHANGE CHANGE TO PREVIOUS PLANS TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS OTHER: CHANGE OF RECLAMATION OF WELL SITE **OPERATOR** CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893. Attached is a list of wells that are associated with this Change of Operator. Devon Energy Production Company, LP N1375 333 West Sheridan Avenue Oklahoma City, OK 73102-5015 John D Raines SEP 16 2014 Vice President DIV OF OIL GAS & MINING Russell des Cognets II Asset Manager NAME (PLEASE PRINT) 9/8/14 SIGNATURE (This space for State us

OCT 08 2014

DIV. OIL GAS & MINING

(See Instructions on Reverse Side)

OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
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OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	

Field

**BLUEBELL ALTAMONT** 

BLUEBELL ALTAMONT

**BLUEBELL ALTAMONT** 

State

UT

County

DUCHESNE

DUCHESNE

**DUCHESNE** 

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**Devon Energy Production Company, LP** Exisiting Well List for State/Fee/Indian Leases

Lease Type

FEE

STATE

Well Type

OIL

**Producing Status** 

Producing

Producing

**Producing** 

**Producing** 

Producing

Producing

Producing

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API#

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430135146400

430133222300

430133003500

430133119200

430133008600

430133011500

430133220300

430133010700

430133012300

430133220200

430133001700

430133001100

430133268400

430133023600

430133137800

430133000500

430133035900 430133129900

430133133500

430133082100

430133127600

430133133200

430133029400

430133134100

430133120300

430133056400

430133430400

430133090300

430133127800

430133114700

430133097500

430133139300

430133139000

430133020000

Well Name

BAR F 2-5B1

BINGHAM 3-4B1

\*BOREN 1-14A2-

**BOREN 3-11A2** 

**BOREN 3-15A2** 

**BOREN 4-23A2** 

**BOREN 4-9A2** 

**BOREN 5-22A2** 

**BOREN 6-16A2** 

**BROWN 3-4A2** 

CHAPMAN 2-4B2

COLTHARP 1-15B1

DILLMAN 2-28A2

EDWARDS 3-10B1

**FRESTON STATE 1-8B1** 

**DUNCAN 4-2A2** 

FRESTON 2-7B1

FRESTON 2-8B1

GALLOWAY 1-14B2

GALLOWAY 3-11B2

HAMBLIN 2-26A2

HAMBLIN 3-9A2

LABRUM 2-23A2

LAMICQ ROBERTSON 1-1B2

**HATCH 2-3B1** 

**LAMB 2 16A2** 

**JOHN 2-3B2** 

COX 2-36A2

**BOWMAN 5-5A2** 

**BROWN DOUG 2-4A2** 

**BROWN VICTOR C 1-4A2** 

**CAMPBELL UTE ST 1-7B1** 

**CLYDE MURRAY 1-2A2** 

CORNABY 2-14A2 (RECOMP)

**BLANCHARD 3-10A2** 

Legal Location

005-002S-001W

004-002S-001W

010-001S-002W

014-001S-002W

011-001S-002W

015-001S-002W

023-001S-002W

009-001S-002W

022-001S-002W

016-001S-002W

005-001S-002W

004-001S-002W

004-001S-002W

004-001S-002W

007-002S-001W

004-002S-002W

002-001S-002W

015-002S-001W

014-001S-002W

036-001S-002W

028-001S-002W

002-001S-002W

010-002S-001W

008-002S-001W

007-002S-001W

008-002S-001W

014-002S-002W

011-002S-002W

026-001S-002W

009-001S-002W

003-002S-001W

003-002S-002W

023-001S-002W

016-001S-002W

001-002S-002W

GAS & MINING 2014 SEP

RECEIVED

SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

RECEIVED

SEP 16 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	 ~

	DIVISION OF OIL, GAS AND	MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDR'	Y NOTICES AND REPOR	RTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drill horizontal	new wells, significantly deepen existing wells belo laterals. Use APPLICATION FOR PERMIT TO DR	ow current bottom-hole depth, reenter plugged wells, or to RILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL     OIL WELL	GAS WELL OTHE	See Attached Well List	8. WELL NAME and NUMBER: See Attached Well List
2. NAME OF OPERATOR:			9. API NUMBER:
LINN OPERATING, INC		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1999 Broadway, Suite 3700	Denver STATE CO	<sub>ZIP</sub> 80202 (303) 999-4275	Bluebell/Altamont
LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: Duchsene
QTR/QTR, SECTION, TOWNSHIP, RAI	NGE, MERIDIAN:	1 1000 100	STATE: UTAH
CHECK APP	ROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	ACIDIZE  ALTER CASING  CASING REPAIR  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE WELL NAME  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIC	DEEPEN  FRACTURE TREAT  NEW CONSTRUCTION  OPERATOR CHANGE  PLUG AND ABANDON  PLUG BACK  PRODUCTION (START/RESUME)  ONS  RECLAMATION OF WELL SITE  RECOMPLETE - DIFFERENT FORMATION	REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON  TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  OTHER: CHANGE OF  OPERATOR
2. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show	all pertinent details including dates, depths, volur	mes, etc.
under the terms and cond blanket state bond numbe	ditions of the leases for operati er LPM9149893 .	Energy Production Company, LP, to ions conducted on the leased lands	or a portion thereof under their
Attached is a list of Applic	cations for Permit to Drill (APD	) that are associated with this Chan	ge of Operator.
Devon Energy Production 333 West Sheridan Avenu Oklahoma City, OK 73102 John D. Raines Vice President	ue		
	os Cognete II	TITLE Asset Manager	
NAME (PLEASE PRINT) Russell de	es Cognets II	TITLE ASSEL MANAGER	

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(See Instructions on Reverse Side)

RECEIVED SEP 16 2014

(5/2000)

DIV. OF OIL, GAS & MINING

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5 LEASE DESIGNATION AND SERIAL NUMBER:						
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL OIL WELL OIL GAS WELL OTHER	8. WELL NAME and NUMBER: MISC.						
2. NAME OF OPERATOR:	9. API NUMBER:						
LINN OPERATING, INC.  3. ADDRESS OF OPERATOR: IPHONE NUMBER:	40 37/2 00/2 00/2 00/2						
1999 Broadway, Ste #3700 GHY Denver STATE CO AR 80202 (303) 999-4016	10. FIELD AND POOL, OR WILDCAT: Bluebell						
4. LOCATION OF WELL  FOOTAGES AT SURFACE: COUNTY: UINTAH							
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W	STATE: UTAH						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA						
TYPE OF SUBMISSION TYPE OF ACTION							
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION						
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON						
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	U TUBING REPAIR						
CHANGE TUBING PLUG AND ABANDON  SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	VENT OR FLARE						
(Submit Original Form Only)	WATER DISPOSAL						
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  PRODUCTION (START/RESUME)	WATER SHUT-OFF						
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER: Excluded wells from Change of Operator						
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.							
43-013-31192 BOREN 3-11A2 Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 11 43-013-51846 MIKE AND SHELLEY #4-14A2 Oil Well Approved permit (APD) BLUEBELL DUCHESNE 1S-2W Sec 14 43-013-31299 CORNABY 2-14A2 Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 14 43-013-30035 FLY/DIA L BOREN 1-14A2 Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14							
The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 amd 14 of T1S, 2W so EP Energy now owns these wells.							
NAME (PLEASE PRINT) Debbie Chan							
SIGNATURE							
This space for State use only)							

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